

UNIVERSITY OF ALBERTA

# folio

Volume 44 Issue 11

FEBRUARY 2, 2007

<http://www.ualberta.ca/folio>

## Small molecule offers big hope against cancer

### *Study shows DCA suppresses cancer without damaging normal cells*

By Ryan Smith

DCA is an odourless, colourless, inexpensive, relatively non-toxic, small molecule. And researchers at the University of Alberta believe it may soon be used as an effective treatment for many forms of cancer.

Dr. Evangelos Michelakis, a professor at the U of A Department of Medicine, has shown that dichloroacetate (DCA) causes regression in several cancers, including lung, breast and brain tumors.

Michelakis and his colleagues, including post-doctoral fellow Dr. Sebastian Bonnet, have published the results of their research in the journal *Cancer Cell*.

Scientists and doctors have used DCA for decades to treat children with inborn errors of metabolism due to mitochondrial diseases. Mitochondria, the energy producing units in cells, have been connected with cancer since the 1930s, when researchers first noticed that these organelles dysfunction when cancer is present.

Until recently, researchers believed that cancer-affected mitochondria are permanently damaged and that this damage is the result, not the cause, of the cancer. But Michelakis, a cardiologist, questioned this belief and began testing DCA, which activates a critical mitochondrial enzyme, as a way to "revive" cancer-affected mitochondria.

The results astounded him.

Michelakis and his colleagues found that DCA normalized the mitochondrial function in many cancers, showing that their function was actively suppressed by the cancer but was not permanently damaged by it.

More importantly, they found that the normalization of mitochondrial function resulted in a significant decrease in tumor growth both in test tubes and in animal models. Also, they noted that DCA, unlike most currently used chemotherapies, did not have any effects on normal, non-cancerous tissues.

"I think DCA can be selective for cancer because it attacks a fundamental process in cancer development that is unique to cancer cells," Michelakis said. "Cancer cells actively suppress their mitochondria,



U of A researcher Dr. Evangelos Michelakis has shown that a tiny molecule called DCA causes regression in several cancers, including lung, breast and brain tumors.

which alters their metabolism, and this appears to offer cancer cells a significant advantage in growth compared to normal cells, as well as protection from many standard chemotherapies. Because mitochondria regulate cell death – or apoptosis – cancer cells can thus achieve resistance to apoptosis, and this appears to be reversed by DCA."

"One of the really exciting things about this compound is that it might be able to treat many different forms of cancer, because all forms of cancer suppress mitochondrial function; in fact, this is why most cancers can be detected by tests

like PET (positron emission tomography), which detects the unique metabolic profile of cancer compared to normal cells," added Michelakis, the Canada Research Chair in Pulmonary Hypertension and director of the Pulmonary Hypertension Program with the Capital Health Authority.

Another encouraging thing about DCA is that, being so small, it is easily absorbed in the body, and, after oral intake, it can reach areas in the body that other drugs cannot, making it possible to treat brain cancers, for example.

Also, because DCA has been used

"I think DCA can be selective for cancer because it attacks a fundamental process in cancer development that is unique to cancer cells."

— Dr. Evangelos Michelakis

in both healthy people and sick patients with mitochondrial diseases, researchers already know that it is a relatively non-toxic molecule that can be immediately tested in patients with cancer.

Furthermore, the DCA compound is not patented or owned by any pharmaceutical company, and, therefore, would likely be an inexpensive drug to administer, Michelakis added.

However, as DCA is not patented, Michelakis is concerned that it may be difficult to find funding from private investors to test DCA in clinical trials. He is grateful for the support he has already received from publicly funded agencies, such as the Canadian Institutes for Health Research (CIHR), and he is hopeful such support will continue and allow him to conduct clinical trials of DCA on cancer patients.

Michelakis' research is currently funded by the CIHR, the Canada Foundation for Innovation, the Canada Research Chairs program and the Alberta Heritage Foundation for Medical Research.

"This preliminary research is encouraging and offers hope to thousands of Canadians and all others around the world who are afflicted by cancer, as it accelerates our understanding of and action around targeted cancer treatments," said Dr. Philip Branton, Scientific Director of the CIHR Institute of Cancer. ■



# Board increases tuition, parking and residence rates

**Undergraduate students face 3.3 per cent tuition increase next year**

By Caitlin Crawshaw

After much debate, the University of Alberta Board of Governors voted earlier this month to increase the cost of tuition, student residence rent and meal plans and parking rates.

In the 2007-08 academic year, typical undergraduate students can expect their tuition fees to rise by 3.3 per cent, to \$4,687 from \$4,537. This represents the maximum tuition increase allowed under the provincial government's new tuition policy and is determined by the Consumer Price Index (CPI).

Domestic graduate students, who currently pay \$3,192 each year, will now pay \$3,298 – an increase of 3.3 per cent.

Undergraduate international students will also pay 3.3 per cent more on both their base tuition and the tuition differential. For undergraduate international

students, this will mean a total increase to \$16,287 from \$15,767. International graduate students will face a 3.3-per-cent increase on base tuition, bringing their total tuition to \$6,889 from \$6,783.

U of A Provost and Vice-President (Academic) Dr. Carl Amrhein explained that the tuition increase is not an ideal decision, but rather an unavoidable one.

Provincial funding levels are not keeping pace with the rising operational costs – including inflationary pressures, increasing utility costs, an aging infrastructure and the need to invest in support staff. The university is working with limited funds not only to maintain existing structures and programs, but to accommodate a growing number of talented students and professors wishing to come here.

Despite the financial challenges the U of A faces, the programming continues to be excellent, and well worth the investment, said Amrhein.

"I think for the students who don't have all of the funds they need, 3.3 per cent is another burden for them to bear, but our argument back to the students is that a university education is, by far and away, their single best investment. It's a struggle in the short term, it's a struggle for all students to incur, but in the long run the benefit from their education is overwhelming, and the Statistics Canada numbers show that the more education you have, the higher your earnings at every step of your career," he said.

Along with tuition increases, the Board of Governors also voted for a 10-per-cent increase in monthly student residence rates, with the exception of a 7.12 per cent average increase for the East Campus Village Houses and 3.6 per cent at Augustana.

"We really are in a balancing act between the realities of the market and our operating needs," said U of A Vice-President (Facilities and Operations) Don Hickey.

While the university doesn't wish to bring student rents up to market levels, residence buildings need to be maintained for the sake of long-term stewardship of the building, as well as the safety of students. Next year, the fee increase will cover the replacement of an electrical transformer



U of A Provost and Vice-President (Academic) Dr. Carl Amrhein speaks to reporters about the Board of Governors decision on Jan. 26.

in the HUB Mall student residence, as well as elevator upgrades in Newton Place student residence, for example.

For the first time in several years, meal plan prices were also increased. The cost of four types of meal plans offered to students will increase by five per cent, and one type of meal plan will increase by 6.65 per cent. Hickey explained that the cost will increase the value of residence meal plans at the U of A.

The cost of parking on campus has also increased as part of a broader effort to reduce the university's impact on the environment and cut down on traffic congestion around campus.

Next year, parking will increase by the CPI (3.6 per cent) plus a five-per-cent supplemental increase. The year after, parking will increase by CPI plus five per cent, and the third year, prices will increase by CPI plus 10 per cent. ■

## ExpressNews

your online news source

U of A news  
every weekday...  
on the Web...

[www.ualberta.ca/ExpressNews/](http://www.ualberta.ca/ExpressNews/)

## folio

Volume 44 Issue 11

OFFICE OF THE VICE PRESIDENT  
(EXTERNAL RELATIONS)  
OFFICE OF PUBLIC AFFAIRS  
6TH FLOOR GENERAL SERVICES BUILDING  
UNIVERSITY OF ALBERTA,  
EDMONTON, ALBERTA T6G 2H1

**RICHARD CAIRNEY:** Editor

**CAITLIN CRAWSHAW:** Managing Editor

**GEOFF MCMASTER:** Assistant Editor

**CONTRIBUTORS:**

Bev Betkowski, Ileiren Byles, Richard Cairney,  
Caitlin Crawshaw, Shelagh Kubish, Lisa Ricciotti,  
Carmen Rojas, Ryan Smith

**GRAPHIC DESIGN:**

Elise Almeida, Marcey Andrews, Belinda Wilson-Waeland

*Folio's* mandate is to serve as a credible news source for the university community by communicating accurate and timely information about issues, programs, people and events and by serving as a forum for discussion and debate.

*Folio* is published 20 times per year.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in *Folio* do not necessarily reflect university policy. *Folio* contents may be printed with acknowledgement.

**Inquiries**

Comments and letters should be directed to Richard Cairney, editor, 492-0439  
[richard.cairney@ualberta.ca](mailto:richard.cairney@ualberta.ca)

**Display Advertising**

Deadline: Thursday 3 p.m. one week prior to publication  
Bonnie Lopushinsky, 417-3464  
[bl5@ualberta.ca](mailto:bl5@ualberta.ca)

**Classified Ads**

Deadline: Thursday 12 p.m. one week prior to publication  
Lorraine Neumayer, 492-2325

**Talks and Events**

Deadline: Thursday 12 p.m. one week prior to publication  
[lorraine.neumayer@exr.ualberta.ca](mailto:lorraine.neumayer@exr.ualberta.ca)

Enter events online at

<http://www.uofaweb.ualberta.ca/events/submit.cfm>

**Circulation/Change of address:**

Contact Lorraine Neumayer at 780-492-2325 or via e-mail at [lorraine.neumayer@ualberta.ca](mailto:lorraine.neumayer@ualberta.ca)

ISSN 0015-5764 Copyright 2006



The University of Alberta maintains a database of all alumni. This database is used to send you news about the U of A, including *Folio* and *New Trail*, invitations to special events and requests for support. On Sept. 1, 1999, post-secondary institutions were required to comply with the Freedom of Information and Protection of Privacy legislation of the province of Alberta. In accordance with this legislation, please respond to one of the following options:

- ☐ Please keep my name, or  
☐ Remove my name from the *Folio* list.

Name \_\_\_\_\_  
Signature \_\_\_\_\_

No response means the University of Alberta assumes an individual wishes to remain on the mailing list.

## Parking fees increase on campus

**Supplemental fee will support Traffic Demand Management plan**

By Caitlin Crawshaw

As part of an effort to reduce the university's ecological footprint and cut down on traffic congestion, parking rates on campus are going up.

In April, parking rates on the aNorth Campus will increase by the Consumer Price Index (CPI) increase of 3.6 per cent, plus a five-per-cent supplemental increase.

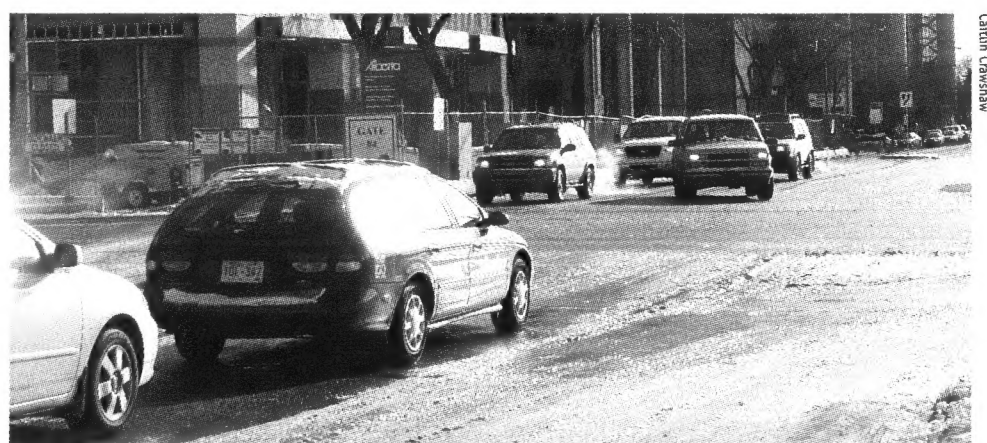
Right now, people parking all day on campus can expect to pay from \$56.71 – \$107.98 per month. Beginning April 1, 2007, they will pay anywhere between \$61.59 and \$117.27, depending on the lot.

Parking rates at Campus Saint-Jean and Augustana will be increased only by the CPI increase only – 3.6 per cent this year.

Next year, main campus parking costs will increase by CPI plus five per cent, and in 2009, prices will increase by CPI plus 10 per cent.

The supplemental fees will be applied to the university's Travel Demand Management plan, which is designed to bolster the university's conservation efforts and increase transportation efficiency around campus.

"We need to do something about the single-occupant vehicles that are coming here," said U of A Vice-President (Facilities and Operations) Don Hickey, adding that single-occupant vehicles comprise 80 per cent of all vehicles arriving on campus.



Campus growth has led to an increase in traffic congestion, posing risks to pedestrian safety and environmental health. The university is hoping to make campus a greener, safer place by increasing parking rates and offering new transportation options.

The fee increase has been 'back-end loaded' – the largest increase goes into effect in the third year – in order to give the campus community warning of the increase and to give the university time to create transportation alternatives for the community.

"That will allow us to implement a new structure around parking to inhibit transportation down 114 Street," said Hickey.

He explained that in three years the LRT extension to the U of A's South Campus will be completed, offering staff

and students the opportunity to park there at a lower rate and take the train to the main campus.

Hickey acknowledged that while some people may not immediately come on board, the fee increase is important for campus.

"We realize parking rates are always undesirable to faculty and staff," said Hickey. But because of the need to manage the campus' growth and help the environment, "this is the right and responsible choice for the university." ■



## Staying the course

*Many fall off the fitness wagon in February, but experts say a solid plan can keep you on track*

By Lisa Ricciotti

This year, you told yourself firmly, things are going to be different: you will exercise regularly, lose weight and get in shape. Now that we're one month into 2007, how are those New Year's resolutions holding up? Fallen off the treadmill yet?

If your resolve is weakening, you're not alone. In her 12 years at the University of Alberta's Fitness and Lifestyle Centre, Dr. Carol Hills has seen many eager exercisers drop out of the race early.

"We always dread January," said Hills, associate director of Campus Recreation. "All those New Year's resolutions make it really crowded. But by mid-February, we're back to more normal levels. Keeping motivation is one of our biggest challenges."

Hills actually researched this phenomenon in depth for her PhD and found that 50 per cent of "new starters" drop out after three-to-six months.

If that sounds discouraging, think about the half-empty, half-full glass metaphor. The flip side is that half did keep their fitness resolutions. So how can you make this the year you're among the 50 per cent who persevere? Why do even the best-intentioned fail and what can we learn from their mistakes?

"When people resolve to exercise more, they're making a decision to change their lives," said Dr. Wendy Rodgers, a professor in the U of A Faculty of Physical Education and Recreation. "Unfortunately, most don't make the lifestyle changes necessary to allow that to happen."

Rodgers points out, "Our lives are already full of stuff, so to introduce a new activity, you have to let go of some old ones to find time to exercise." Often that means pushing yourself away from an activity you currently enjoy (surfing the web, watching TV) to do a new activity (exercise) that isn't immediately pleasurable. "It's easier to sink back into old habits."

Rodgers doesn't pull any punches in describing the challenges of getting off the couch and into shape.

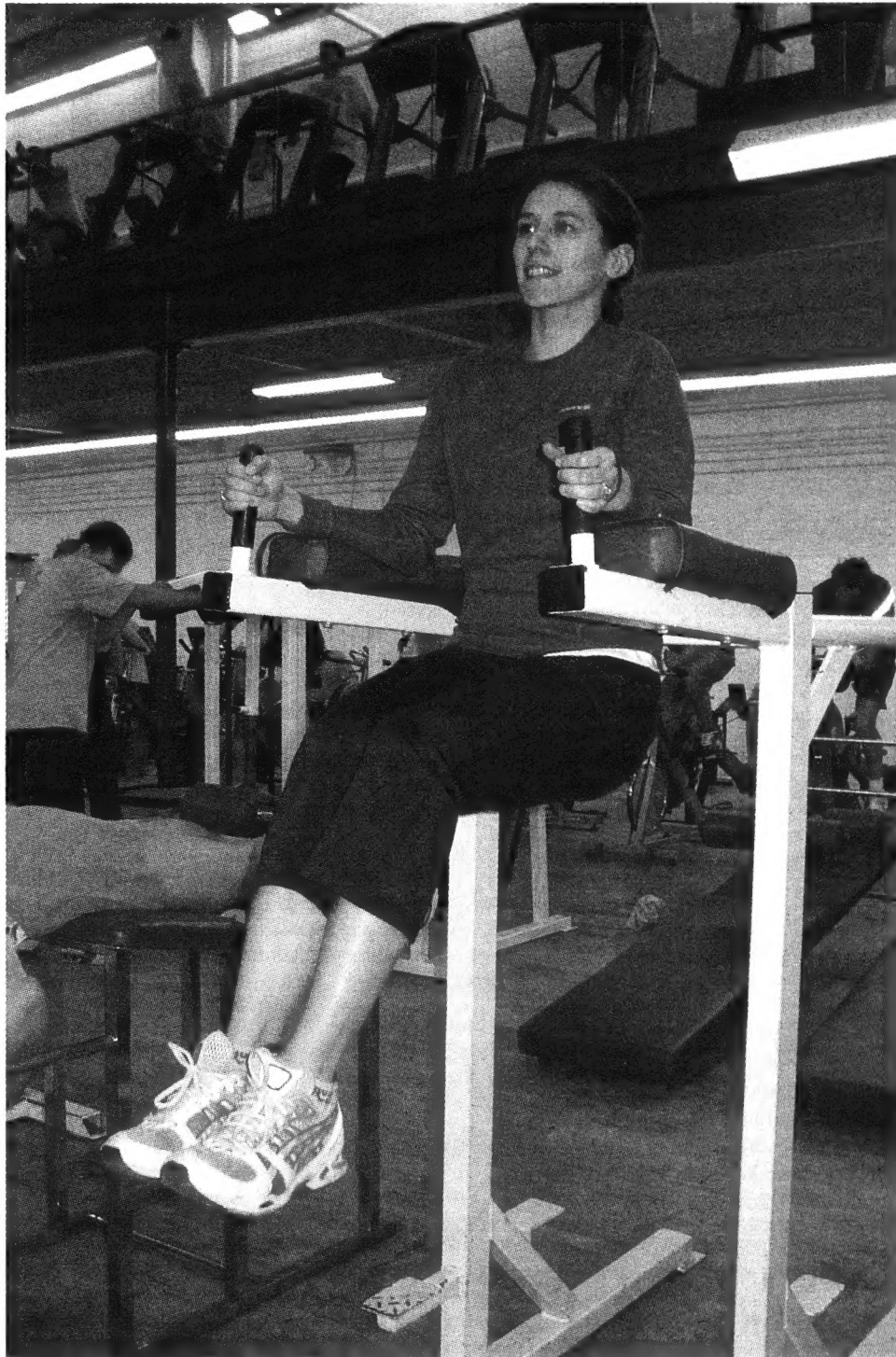
"People call me a de-motivational speaker," she said. "I tell people there will be a period of withdrawal from old habits and significant discomfort, initially."

People don't realize that seeing positive outcomes from exercise can sometimes take as long as six months – but the benefits of exercise aren't in question, so people need to think long-term, says Rodgers.

"Look for the value of exercise, not the pleasure. If you believe in the value of what you're doing, you'll find the will power to keep going. Then, one day you'll have an epiphany at the top of a hill: 'Oh, I do feel better, and that wasn't so hard.' Eventually, exercise becomes pleasurable for itself."

For success in making exercise part of your lifestyle, Rodgers offers these suggestions: Decide to do it, then decide how. Make a plan that includes blocking exercise time into your schedule. Set up a support structure for success, which includes steps many overlook – getting the right gear, finding an environment you'll enjoy working out in, getting instruction on your new activity and even finding a workout buddy. Look for "an activity you can tolerate. You won't enjoy it at first, but find something that doesn't interfere too much with what you do enjoy."

Find time by folding activities together, like exercising on a bike while watching TV, or go for a swim yourself when you take the kids for lessons. Above all, "Don't give up. Exercise is something we



Tanya Berry, supervisor of the Fitness and Lifestyle Centre on campus, works her abs amidst a sea of students and staff members who may or may not keep their new year's fitness resolutions.

can all work into our lives," said Rodgers. "Anything you can do is better than nothing. Don't look for excuses; getting fit is hard, but worth it."

Looking for a kinder, gentler approach? Dr. Tanya Berry, a former personal trainer and sports psychologist, now a professor in the U of A Faculty of Physical Education and Recreation, is more sympathetic about the struggle to keep going.

"People have trouble sticking to something as simple as taking their blood pressure medication regularly," she said. "So it's not surprising that something as complex as changing your behaviour to include regular exercise is tremendously difficult."

Add to that the "overwhelming volume of bad media messages promising a gorgeous body in a matter of weeks, in just minutes a day, and it's no wonder people get discouraged."

For Berry, it's all about setting realistic goals and finding ways to add more movement to your daily activities. Many fail to keep fitness resolutions because they try to "carve huge hunks of time out of their day for exercise." Instead, Berry proposes the "active living" philosophy, which says you don't have to run a marathon, just make physical activity part of your routine. That could be "getting off the bus one stop earlier, taking the stairs instead of the elevator

or adding a daily walk with the dog."

Don't expect to go "from sedentary to gung-ho exerciser overnight," warns Berry, but you can take steps to ensure success. Try wearing a pedometer to measure your

"When people resolve to exercise more, they're making a decision to change their lives. Unfortunately, most don't make the lifestyle changes necessary to allow that to happen."

– Dr. Wendy Rodgers

steps, and aim to increase your daily total. Build a social support system by making regular exercise dates with friends. And, be kind to yourself. If you miss a couple of days, "don't beat yourself up about it, just start again and get back on track." Develop a plan that's right for your habits and lifestyle: "There's no one perfect solution; everyone is different."

Lastly, be patient. "You don't gain 50 pounds in a month and you can't lose it that fast either." Berry suggests focusing on the immediate benefits of exercise – reduced stress, more energy and improved mental health.

Back at the gym, Hills seconds that philosophy. "It's very hard to keep exercising if you're not having fun. If you hate running and decide your workout will be on the treadmill, you're guaranteeing failure. So if you like moving, try a dance class; if you enjoy being outside, try jogging; if you skipped as a kid, we even have skipping classes that are very popular."

For those of you who have already parked your fitness resolutions at the curb like a discarded Christmas tree, Hills offers these words of hope: "Forget the guilt. It takes many attempts, many times of trying, failing and retrying. Look at why you fell off the wagon. It's not failure, but a learning experience. Focus on the positive. Exercising regularly is a struggle, even for me, but the benefits are worth it. Never give up!" ■

## More tips from the gym floor

These regulars at the U of A Fitness and Lifestyle Centre are in the 50 per cent who've succeeded in their fitness goals. Here's how they keep themselves going.

- Staffers Brian Esslinger, Ed Rodgers and Chuck Moser aren't your typical hard body youngsters. Yet, the trio is often found working up a sweat together at lunch hours. "If one of us tries to bale, the others make us go," said Esslinger.

"I go for the girls," joked Moser, who has exercised regularly since being diagnosed with a heart problem in 2002.

"There are times you don't feel like it, but once you get here, it feels good." Rodgers, a staff member in the Faculty of Physical Education says: "You've got to walk the walk. And it's all worth it for the hot shower at the end."

- For student Nicole Majeau, the key is consistency.

"I exercise every day before I go home. It's part of my schedule. My New Year's resolution is to workout with weights."

- Staff member Robin Sawh also emphasizes consistency. His goal is "to do half what the young students do; I find them motivating. I've been coming since I was their age, and I'm aiming to still be here after they're gone."
- Student Leah Tassey feels "it takes a month of regular exercise before it sticks. Book a personal trainer for a week, and make a plan. You're going to be doing this for the rest of your life, so don't get down if you miss a day, or even a week. You can always come back."



# Physical education scholar named deputy provost

*Dr. Dru Marshall will begin a five-year term as deputy provost this summer*

By Richard Cairney

**D**r. Dru Marshall, vice dean in the Faculty of Physical Education and Recreation, has been appointed deputy provost of the University of Alberta, effective June 1, 2007, for a five-year term.

Marshall's appointment follows an extensive advisory consultation process undertaken by U of A Provost and Vice-President (Academic) Carl Amrhein. Marshall has a distinguished 26-year career with the university, serving in a number of senior administrative capacities, including her appointment as the faculty's first vice-dean.

"Dru has very broad and very deep support from a wide array of people across the campus - other vice presidents, deans, APOs," said Amrhein. "What she brings to the job is her experience as vice-dean. So, on the academic side she has dealt with hiring and retention, faculty evaluation committees and all those aspects of working in the intense academic environment with faculty, staff and students."

"On another level she has very deep history at the U of A, so she knows us well and that is very important and it is viewed as essential, given my relatively recent arrival. The provost and deputy provost need to work in a perfectly complementary fashion and she brings the very important history of the U of A into the discussions we will be having."

Amrhein began his term as provost and vice-president (academic) Sept. 1, 2003. Late last year, the U of A Board of Governors approved his re-appointment, for a second term. He will take an administrative leave from May 1 - Aug. 31. Current Deputy Provost, Dr. Art Quinney, will serve acting provost and vice-president (academic) during this time. Quinney will take an administrative leave beginning September 2007.

Amrhein said he will take on a different type of university business during his leave, connecting with university partners for U of A International, and participating in professional development in Boston.

Marshall, a scholar in the area of childhood obesity and children's fitness, has

"What she brings to the job is her experience as vice-dean. So, on the academic side she has dealt with hiring and retention, faculty evaluation committees and all those aspects of working in the intense academic environment with faculty, staff and students."

— Dr. Carl Amrhein

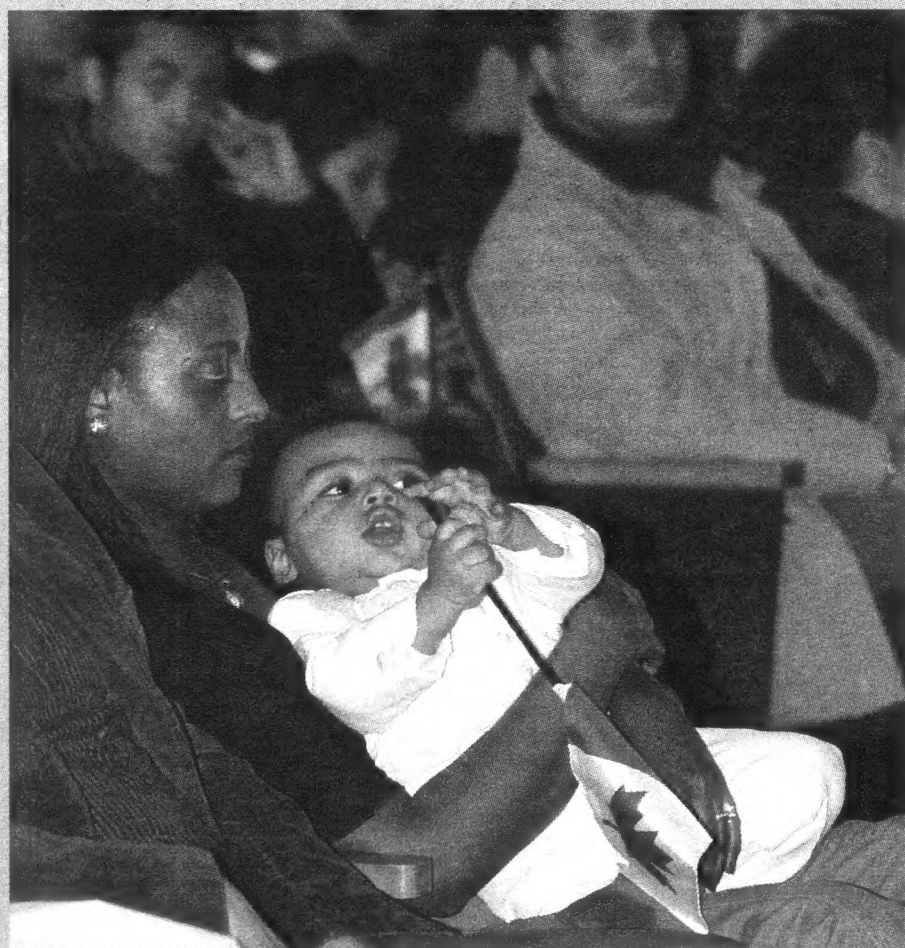
an extensive and distinguished career in coaching at the university, provincial and national levels, spanning more than 20 years.

A National Coaching Certification Program Level 5 certified coach, she served as head coach of the University of Alberta's Pandas Field Hockey team from 1981 - 2001 and as head coach of the Canadian National Women's Field Hockey Team from 1996 - 2001. She led the team to a bronze medal at the PanAm Games in 1999 and at the Americas Cup Final in 2001. She was a member of the Canadian Women's National Coaching Staff from 1986 - 1992 and head coach of the Canadian National Junior Women's Team from 1992 - 1996. Marshall's coaching skills have been recognized extensively. Notably, she was the recipient of a 3M Canada Coach of the Year award in women's team sport in 1994; she has won five Canada West University Athletic Association Coach of the Year awards (1999, 1996, 1993, 1992 and 1986); two Coach of the Year awards by the Canadian Interuniversity Athletics Union (1992 and 1996), in addition to Field Hockey Canada's Elite Coach of the Year award in 1992, among many. ■



Dr. Dru Marshall, vice-dean in the Faculty of Physical Education and Recreation, has been appointed deputy provost of the University of Alberta. Marshall is a scholar in the areas of childhood obesity and children's fitness, and has an extensive and distinguished career in coaching at the university, provincial and national levels, spanning more than 20 years.

## Where the world meets



More than 90 new Canadian citizens were sworn in at Convocation Hall at the University of Alberta on Jan. 30. The citizenship ceremony took place amidst International Week events which focused on exploring Canada's place in the global village. This year's festivities ran from Jan. 29-Feb. 2, and included a number of high-profile speakers, including CBC Massey Lecturer Ronald Wright and Maude Barlow of the Council of Canadians.



UNIVERSITY OF  
ALBERTA

**ExpressNews**  
*goes multimedia!*

**We now have a range of exciting video and audio content on the web, and it's growing all the time.**

**Just click on "multimedia and RSS" on the U of A home page for:**



Video features on a range of subjects



Our *Friday Review* weekly news podcast



Recordings of *Philosophers' Cafés*



# Campus connects online

## Online community gets face-lift

By Shelagh Kubish

A redesigned and improved University of Alberta online community (OLC) offers something for everyone.

The online community started as a service to alumni in 2001 and was recently revamped to make it a better tool for social networking. Officially being launched on Feb. 2, the OLC is now profile driven – every member has a profile and can share interests, post photos and give information on education and employment.

University staff and faculty are encouraged to join.

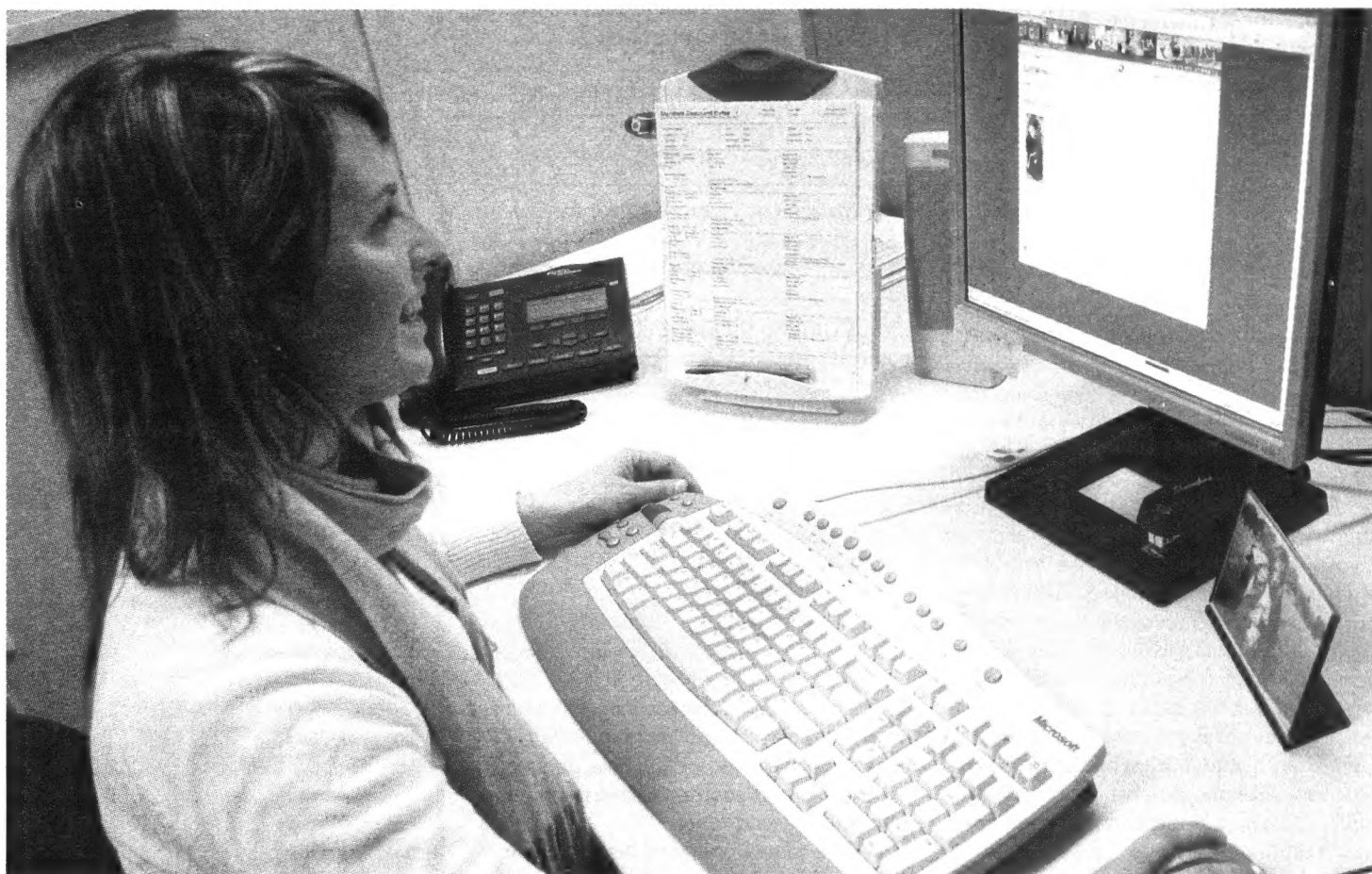
“The university’s staff and faculty are such an important part of the University community, that it only makes sense to have them be a big part of the online community as well,” said Debbie Yee, co-ordinator of electronic communication services in the Office of Alumni Affairs.

In the OLC, it is easy to start a group and invite people to join, in a similar way to how facebook and myspace.com have ‘friends’ groups. There is room for forums, a discussion/blog area and unlimited photo albums. Privacy features allow users to release only as much information as they want to, and only registered members of the online community can sign in.

More than 15,000 alumni are part of the online community now. A few dozen staff and over 2,000 students have joined. Yee would like more staff, faculty and students to join and thinks the OLC has something to offer each of these groups.

Joelle Johnston, an advancement records analyst at the university and a part-time student working towards a BA majoring in art history, says she can see all kinds of possibilities for using the group function in the OLC to meet other staff and students.

“It’s a good way to get an informal, impromptu study group together,” she said.



Joelle Johnston, an employee and part-time student at the University of Alberta, logs on to the new U of A online community.

“And I think it would be great for setting up a book club, a kids’ clothing exchange, maybe a share-a-ride group.”

Staff who are alumni can use the OLC to set up class groups and connect with fellow grads.

As Yee points out, virtual connections are becoming valid connections, part of working together. And Johnston agrees that a program that facilitates meeting over

shared interests would be valuable. “It would be nice to be able to connect with people not only because you share a work space with them but because you share interests,” she said.

“There are so many people on campus that you don’t even know,” said Lorraine Neumayer, who works in the Office of Public Affairs. “I think an online community would be a great way to connect.” ■

### Win a 30GB iPod Video!

New or existing members – update your profile with a picture and 50 or more words in the “about me” section, and enter to win a 30 GB iPod or a variety of fabulous prizes including the new iPod Shuffle. Access the online community at [www.ualberta.ca/olc](http://www.ualberta.ca/olc)

# Linguist becomes Landrex Distinguished Professor

## Dr. Sally Rice honoured for her dedication to saving endangered languages

By Carmen Rojas

Twenty years ago, it would have been rare for an academic linguist to argue for the need to put aside theoretical concerns about language. But University of Alberta professor Dr. Sally Rice is among a growing number of linguists who have shifted to a community-focused approach due to the dire state of minority languages.

“I think that most linguists have woken up to the fact that languages are dying left and right,” Rice said. “Increasingly, you’re finding theoretically-trained linguists, like myself, who are leaving the theory on the shelf and saying, ‘You know what? This is our last chance to get data. This is our last chance to help people save their languages.’”

Rice has dedicated much of her career to working with local Aboriginal communities whose languages are in danger of disappearing within generations. The importance of her work in this area was acknowledged recently when she was named the second Landrex Distinguished Professor in the Faculty of Arts – a position granted to a senior faculty member whose research and teaching activities focus on community issues in the Capital Region.

Rice felt honoured to be selected for the professorship, particularly given the level and quality of other community-based work she has seen taking place throughout the Faculty.

As the Landrex Distinguished Professor, Rice will be awarded annual research funding of \$50,000 over a five-year term. She plans on using part of this funding to hire a pair of research assistants who will help complete two ongoing documentation projects involving Athapaskan languages. Athapaskan (also known as Dene) is one of the major Indigenous languages



Linguist Dr. Sally Rice, who has dedicated much of her career to helping save aboriginal languages, has recently become a Landrex Distinguished Professor – an honour that comes with \$50,000 of research funding annually, for a five-year term.

families found in the Capital Region and was, at one time, the second largest language family in the world.

The first project involves creating a set of language documentation materials for the community of Cold Lake First Nation, which Rice has been working with since 1993. These materials include a comprehensive grammar of Denesuline (Chipewyan), the endangered Athapaskan language spoken in parts of northeastern Alberta. Rice is also editing a community-based Denesuline-English bilingual dictionary for which the speakers themselves provide the entries.

The second project is the ongoing development – with the assistance of TAPoR (Text Analysis Portal for Research) – of a web-based comparative dictionary of Athapaskan. The online nature of the project will allow community-based speakers of Athapaskan languages – who are spread out across North America – to contribute their knowledge to the database, as well as to access the knowledge of others.

Rice believes this level of access provided by the Internet has the potential to greatly impact revitalization efforts. “This database can possibly help a community restore indigenous forms that have been

lost, or concepts that have been lost.”

The Landrex Distinguished Professorship will also allow Rice to create new opportunities for students to attend the Canadian Indigenous Languages and Literacy Development Institute (CILLDI), a unique summer school she co-founded in 2000. Jointly sponsored by the U of A Faculties of Arts, Education, and Native Studies, the goal of CILLDI is to promote language and linguistic education among the speakers of endangered languages.

Each summer, students spend up to three weeks in Edmonton earning university credit in areas such as linguistics, language and literacy, curriculum development, second language teaching and research. Rice plans to use a portion of her Landrex funding to establish five bursaries per year for Aboriginal applicants living in the Treaty 6 area – which encompasses the Capital Region – to attend classes at CILLDI.

“Everything that CILLDI does is about language at the community level,” Rice commented.

In the future, CILLDI hopes to offer students the option to spend three summers working towards a specialized Community Linguist Certificate that would prepare them to be leaders in language documentation and revitalization efforts in their communities.

For Rice, training what she refers to as “the first generation of community-oriented linguists” – people who are putting language ahead of linguistic theory – is crucial to ensuring a future for as many minority languages as possible.

“We’re really looking at a last-ditch kind of effort,” she said. “Some languages won’t make it. Some languages will make it. The more we can document, the better.” ■



# A helping hand (book) for students in distress

*Guide offers solutions to faculty and staff*

By Caitlin Crawshaw

A University of Alberta psychologist hopes professors and staff will reach out to students in distress, and he's created a handbook to guide them.

Dr. Kim Maertz, director of the U of A's Student Counselling Services, has created a handbook called *Identifying, helping and referring students in distress: A guide for faculty and staff*. About 6,000 copies have been distributed to professors and staff members across campus.

"Students on campus today are obviously experiencing a lot of stress, of various kinds – academic stress, relationship stress, work stress, family stress and stress related to all kinds of things coming up in the course of their daily living," he said.

All of these stresses impact a student's ability to "participate in the whole academic realm," Maertz explained. While Student Counselling Services offers help for students at no cost to them (serving about 2,000 clients each year), they lack the resources to help the entire student body.

But instructors, teaching assistants, residence co-ordinators and other staff who interact with students are on the front lines, he says. These people have a great opportunity to form a connection with students, which ultimately enhances the students' mental health and their learning experience at the U of A.

Identifying students in distress is also critical to preventing violence – both in terms of self-harm, such as suicide, and harm towards the community. Recent shootings at North American campuses indicate an increased need to keep an eye out for students in trouble.

"I'm not saying all of it can be prevented, but certainly we can take a step in that direction. If students are treated in a way that's highly respectful it encourages some connection with staff, because that's what's

"Students on campus today are obviously experiencing a lot of stress, of various kinds – academic stress, relationship stress, work stress, family stress and stress related to all kinds of things coming up in the course of their daily living."

– Dr. Kim Maertz

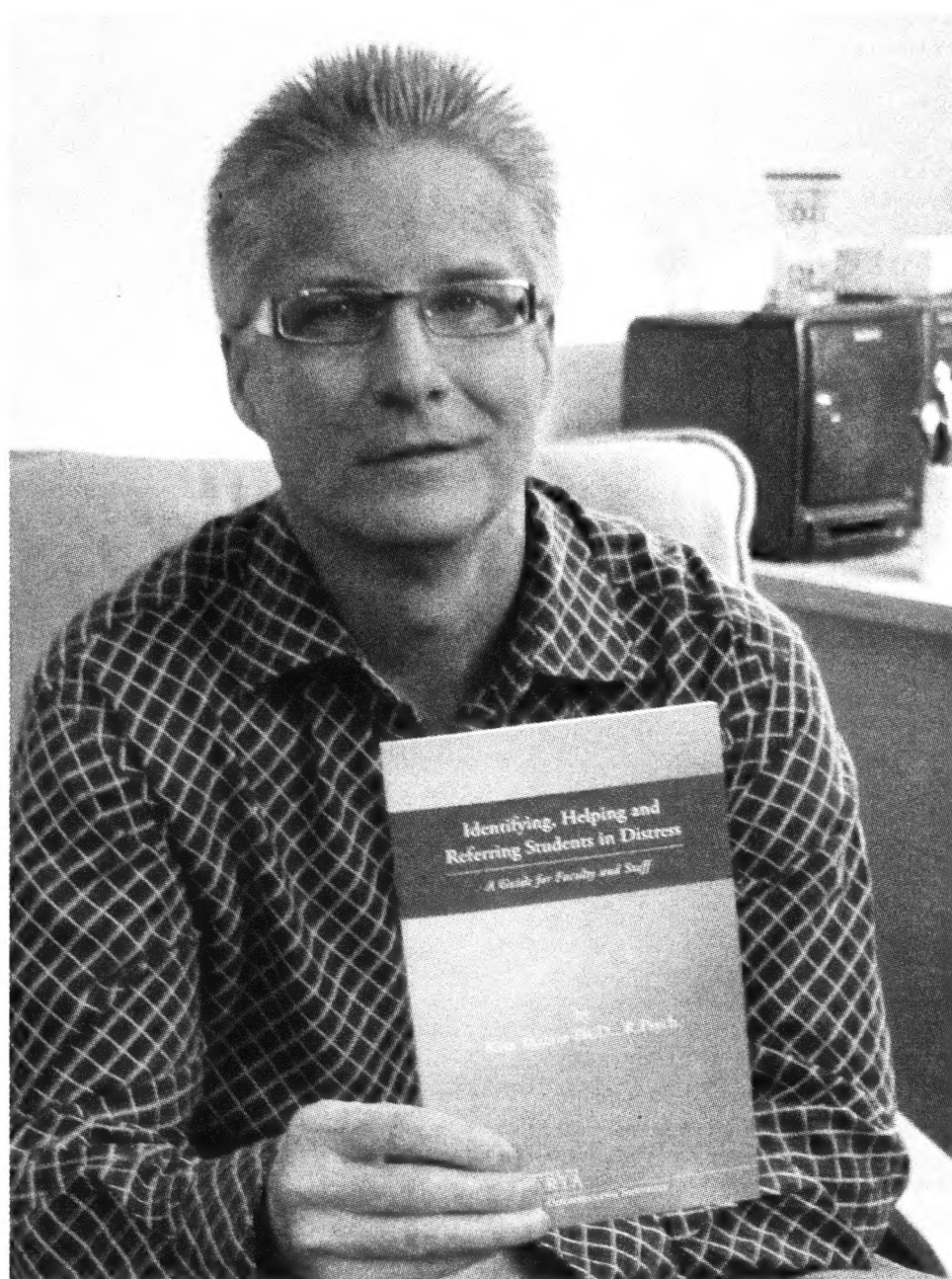
going to keep them safe and involved and give them a sense of being cared about," he said.

In the end, a caring community plays a role in the university's success as an institution, Maertz says.

"That's part of the academic climate we want. This is a university that really focuses on excellence. Well, how do you get excellence if you don't have the human connection?" said Maertz.

While some over-taxed instructors may wonder if they have the time and energy to extend themselves further, Maertz hopes teachers will consider how fulfilling it can be to get to know one's students. He also believes that the instructors who connect with students are able to teach information more efficiently and effectively, since students are more motivated to learn.

"Information devoid of that connection is not going to be very helpful for people. Information that's well-informed, based on research, but also has a human connection to it, is information that we retain for the rest of our lives." ■



Dr. Kim Maertz' guide offers solutions to faculty and staff dealing with students in distress.

# University honoured for environmental stewardship

*Award recognizes eco-friendly lighting system*

By Caitlin Crawshaw

The University of Alberta is well-known for its bright ideas – and not only in academic spheres.

Since the mid-1990s the U of A has used the most environmentally friendly light bulbs on the market in an effort to protect the environment – low-mercury Philips fluorescent lamps. And this bright idea hasn't gone unnoticed.

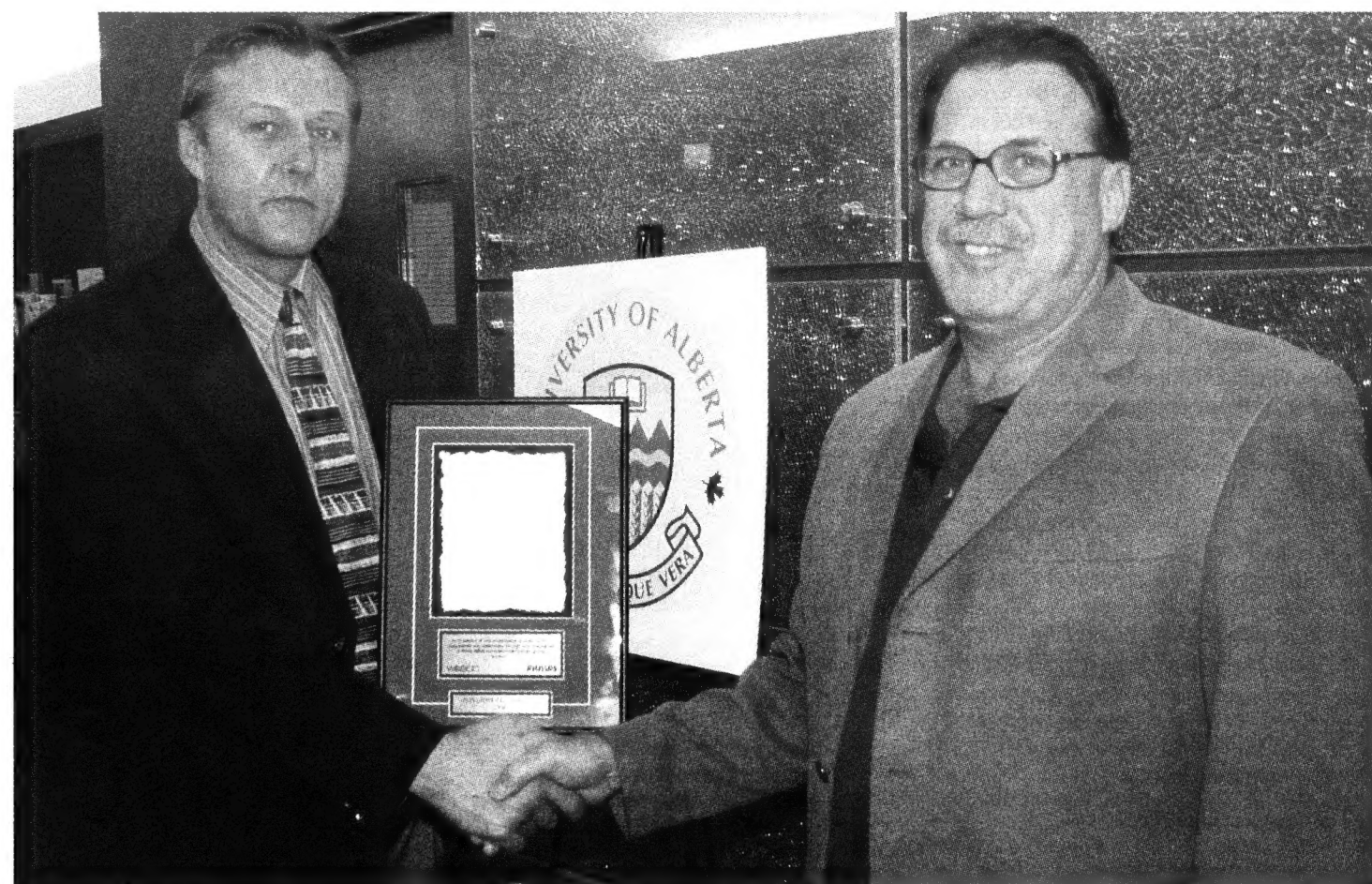
Last month, the U of A received a Philips Environmental Awareness and Knowledge (PEAK) award for its decision to use the low-mercury light bulbs, and to follow it up with a comprehensive recycling program.

According to Don Hickey, U of A vice-president (facilities and operations), the award "ties into the cornerstone of the university as a transformative organization."

He explained that the U of A is dedicated to sustainability, evident from campus initiatives like the Travel Demand Management plan, which aims to make transportation around campus more efficient and reduce the number of single-occupant vehicles.

While mercury is an essential component of fluorescent lamps, Philips Lighting Account Manager Norman Henze explained that the amount of mercury in lamps has dramatically declined since the mid-1980s, when a four-foot fluorescent lamp generally contained 48-50 milligrams of mercury. The heavy metal is a toxic pollutant.

In 1994, Philips Lighting developed a new technology, called ALTO technology, which used far less mercury. According to Henze, Philips fluorescent bulbs now contain about 3.9 milligrams of mercury – the



Norman Henze of Philips Lighting (left) and John Bannister, supervisor of the electrical trades group at the U of A.

lowest amount on the market.

North America still lags behind many countries in lamp recycling, he noted. In Canada, about seven per cent of lamps are recycled, versus the 80 per cent that are recycled in Europe and Asia – a fact that

makes the U of A's environmental efforts all the more important.

"Individual actions can make a difference, small as they are. The university using our product does have an impact on the environment," said Henze.

For Hickey, it's critical that the university be a leader in environmental stewardship.

"There's always the financial realities around some of the things, but we should be doing as much as we can." ■



# 'Beavertail' surgery helps restore swallowing process

*Technique helps tongue cancer patients*

By **Bev Betkowski**

A new surgical technique pioneered at the University of Alberta has given back the ability to swallow to patients with tongue cancer.

By modifying an existing technique of transplanting tissue from a patient's forearm to his tongue, surgeons can provide enough bulk to help improve the vital process of swallowing. The modification involves including a 'jellyroll' of fat and connective tissue along with the tissue and skin of the forearm to replace diseased tongue tissue that is removed if a patient opts for surgical treatment of the cancer.

The surgery is then followed up with radiation or chemotherapy, but that shrinks and scars the tongue, turning normally elastic and pliable tissue to something like wood. This reduces the patient's ability to swallow to the point that they must be fed through a tube placed through their skin directly into the stomach, because they can't take enough food to maintain their calorie requirements.

The so-called 'beavertail' modification adds more bulk to the tongue, helping protect it from the effects of radiotherapy.

The study's findings support the position that the surgery is just as effective as the standard treatment of combined chemotherapy and radiotherapy, but the surgical technique also preserves the patient's ability to swallow, said Dr. Dan O'Connell, lead author on the study and a surgical resident in the U of A's Division of Otolaryngology - head and neck surgery.

"Other centres in Canada treat patients using radiotherapy and chemotherapy alone, and it was thought that the results were as good or better than what any surgery could do," O'Connell said. "But we found that by adding that jellyroll of tissue, you give the tongue ability to compensate for its lack of mobility."

The technique, developed by Drs. Hadi Seikaly and Jeff Harris, preserves the patient's ability to swallow after treatment.

The study was conducted jointly by researchers in the U of A faculties of Medicine and Dentistry, Rehabilitation Medicine as well as the Misericordia Hospital. O'Connell presented their find-



(Above) Drs. Hadi Seikaly and Dan O'Connell are making it easier for survivors of tongue cancer to eat on their own. (Right) Markings on a patient's arm indicate where tissue will be removed for transplantation to the tongue. This tissue will add more bulk to the tongue, ultimately improving the patient's ability to swallow, and protecting it from the effects of radiotherapy.

ings at the international meeting of the annual American Head and Neck Society in Chicago earlier this year, where the study won the title of Best Resident Clinical Research Award.

The beavertail modification meant that 95 per cent of the 20 patients who completed the study (there were 36 originally) were able to swallow successfully after one year of tongue reconstruction. Only one patient still had problems with swallowing.

The surgery involves removing the cancerous tissue and replacing it with a healthy paddle of skin and connective tissue with artery intact, and connecting it to healthy blood vessels in the neck. The beavertail of fat that comes with the skin is connected to the base of the tongue to add bulk, and rolled upon itself, much like a jellyroll. The tongue is crucial to the swallowing process; the base of a healthy tongue acts as a piston that pushes food down

the throat. With surgery, the reconstructed tongue instead acts as a buttress, which squeezes the food into the esophagus.

There are about 900 cases of cancer of the base of tongue or tonsils diagnosed in Canada each year, and while that accounts for just one per cent of all cancers in North America, doctors are seeing a disturbing trend. The cancer is attributed to smoking and alcohol consumption, but the fastest-growing group of new cases involves people who don't have those risk factors. "It's not an epidemic, but it is scary when you realize you can do everything right and still be saddled with this condition," O'Connell said.

The research team hopes the study's findings will convince other doctors treating patients with base of tongue cancers that primary surgery followed by radiation gives them the best chance at swallowing after their treatment. ■

"Other centres in Canada treat patients using radiotherapy and chemotherapy alone, and it was thought that the results were as good or better than what any surgery could do. But we found that by adding that jellyroll of tissue, you give the tongue ability to compensate for its lack of mobility."

— Dr. Dan O'Connell

# Researchers draft recipe for human condition

*Completion of human metabolome expected to have great impact on medicine*

By **Ileiren Byles**

A group of researchers, headed by a University of Alberta professor, has uncovered the ingredients of the human body.

Researchers at the U of A announced the completion of the first draft of the human metabolome, the chemical equivalent of the human genome.

"Just as the human genome consists of all the genes in our cells, the metabolome consists of the chemicals – or metabolites – that can be found in our bodies. That includes things like amino acids, sugars, fats and cholesterol," said project leader Dr. David Wishart, professor of Computing Science and Biological Sciences at the U of A and senior research officer at the National Institute for Nanotechnology.

"If we truly want to understand our bodies, we need to know what they're made of. Just like a chef needs to know what, and how much of each ingredient he needs to bake a cake, physician need to know how much of which ingredients are in our bodies, to know whether we're healthy or sick," he said. "Each of us represents a unique recipe, a recipe determined by our genes, our health status and our environment."

In essence, scientists have catalogued and characterized 2,500 metabolites that serve as the bricks and mortar of the human body, as well as approximately

1,500 drugs and 3,500 chemicals found in the food we eat.

This announcement represents the starting point for a new era in diagnosing and detecting diseases through the chemical makeup of the human body, said Bill McBlain, senior associate vice-president (research) at the U of A.

"I actually think that at some point in the future, one of you will be saying, 'You know, I was there when the assembly of the human metabolome was first announced and now my health care is benefiting from that technology.' It's actually not that far in the future that we will be seeing implementation of the results of this project," he said. "This project has, and I'm not exaggerating, the potential to totally revolutionize the diagnosis, understanding and treatment of disease. I would go so far as to say that Star Trek medicine is upon us today."

Wishart believes that the Human Metabolome Project (HMP), which began in Canada in 2004, will have a more immediate impact on medicine and medical practices than the Human Genome Project. This is because the metabolome is far more sensitive to the body's health and physiology.

This \$7.5-million project funded by Genome Canada through Genome Alberta, the Canada Foundation for Innovation (CFI), Alberta Ingenuity Centre for

Machine Learning, and the U of A will have far-reaching benefits to patient care.

The metabolome is exquisitely sensitive to what a person eats, where they live, the time of day, the time of year, their general health and even their mood. The HMP, like its sister project, the Human Genome Project, is aimed at allowing doctors to better diagnose and treat diseases.

"Most medical tests today are based on measuring metabolites in blood or urine," Wishart said. "Unfortunately, less than one per cent of known metabolites are being used in routine clinical testing. If you can only see one per cent of what's going on in the body, you're obviously going to miss a lot."

By measuring or acquiring chemical, biological and disease association data on all known human metabolites, the HMP Consortium, which consists of some 50 scientists based at the University of Alberta and the University of Calgary, has spent the past two-and-a-half years compiling the remaining 95 per cent of all known metabolites in the human metabolome. Detailed information about each of the 2,500 metabolites identified so far can be found on the Human Metabolome Database (HMDB).

"All of this data can be freely used and downloaded by scientists, by clinicians and by the general public," said Wishart. "With

"If we truly want to understand our bodies, we need to know what they're made of. Just like a chef needs to know what, and how much of each ingredient he needs to bake a cake, physician need to know how much of which ingredients are in our bodies, to know whether we're healthy or sick."

— Dr. David Wishart

the data in the HMDB, anyone can find out what metabolites are associated with which diseases, what the normal and abnormal concentrations are, where the metabolites are found or what genes are associated with which metabolites. It's the first time that this sort of data has been compiled into one spot. By decoding the human metabolome, we can identify and diagnose hundreds of diseases in a matter of seconds at a cost of pennies." ■



## Nature abhors a couch

*Outdoorsy couple takes full advantage of Alberta wilderness, urges others to 'get off the couch'*

By Lisa Ricciotti

To truly understand the importance of work-life balance, talk to Reinhold Mayerhofer.

By day, the research associate at University of Alberta's Department of Biological Sciences devotes himself to the study of canola and safflower genetics, searching for clues to overcome crop diseases. It's slow, careful work that he cheerfully undertakes within the confines of a closet-sized, windowless work space.

After hours and on weekends, Reinhold's world changes. That's when you'll find the self-confessed "nature freak" taking full advantage of Alberta's great outdoors: carving a path through the pristine snow of the Wapta Icefields on a backcountry ski adventure, or waxing up his cross-country skis for a evening tour on Gold Bar's tracks, in training for an upcoming race.

It's a study in contrasts that works well for the visibly fit 44-year-old, who exudes health and happiness. "Everybody has something that completes their life and makes them whole," said the athletic scientist, who's worked at U of A for 16 years. "For me, it's the outdoors."

In fact, Reinhold's love of real wilderness is what drew this Austrian-born researcher to Edmonton. "Growing up in Austria, it was always my dream to come to Canada. Austria is crowded and confining, so overpopulated. As a kid, I saw Canada shown in movies as the land of wide open space. So although I had job offers in Austria, when I had a chance to do my post-doctorate at U of A, I jumped at the chance. Coming here ... it was like paradise."

Reinhold's whole-hearted appreciation of Alberta's natural beauty, something longtime residents tend to take for granted, is refreshing, even inspiring. Listening to him, one feels tinged of guilt for neglecting to pursue the many opportunities right in our backyard, as he so avidly does. So what advice does Reinhold have for those of us who feel challenged to follow his example?

"Get off the couch and get out there!" is his first suggestion. And this is the winter to do it, says Reinhold, who is thrilled to have enough snow for good skiing after several too-warm winters. "The past couple of years have been a suffer-fest for me. We were forced to search out man-made snow



Reinhold Mayerhofer hits the slopes at Snow Valley.

to get any skiing in. But this year is perfect, so don't complain – enjoy it!"

Reinhold has other practical suggestions for those motivated to do more.

"Join a club," said Reinhold, who is a member of several, including the Alpine Club and the Great Canadian Sports Club.

For him, one of the most pleasurable aspects of his recreation choice, as well as a welcome antidote to hours of work solitude, is the camaraderie he enjoys on a group ski. Reinhold also credits Alpine Club's courses as essential preparation for the more remote, potentially dangerous wilderness excursions he's undertaken.

"They teach you everything: avalanche safety, the proper food, gear and clothing you'll need, how to dig a snow cave, crevasse rescue, first aid and route planning. And through the club, you can travel with a group of experienced, competent people who are conservative about safety and respect weather conditions. We've never had an accident or a close call. For us, it's not 'summit or die'; it's the social aspect



Marion Mayerhofer rollerblading in Edmonton's river valley.

and the fun of being out there together. I've met some of my best friends through the club."

Accompanying Reinhold on most of his wilderness adventures is his wife Marion, who came with him from Austria and also

works at U of A as a research technologist. Soft-spoken and petite, the opposite of her tall and talkative husband, Marion shares Reinhold's passion for the outdoors and is herself an accomplished cross-country skier. Marion feels winter is "too short of a season," and will spend many upcoming weekends competing in loppets, which she defines as "citizen-organized cross-country ski races." She's modest about her prowess, but Reinhold is quick to offer that Marion has "lots of medals back home, and I don't have a single one!"

The husband-and-wife team is currently anticipating their favourite cross-country event: the Birkebeiner. "Two things are on our must-do list every year – the Birkie and the Folk Fest. We've skied it every year since 1993. It's a very special atmosphere, with competitors of all ages," said Reinhold.

On Feb. 9 and 10, look for Reinhold and Marion at the Birkie, skiing the entire 55-km route, attempting to better their personal best times. As an extra challenge this year, Marion will for the first time ski "carrying the baby" – a 5.5-kg pack symbolizing the infant prince of Birkebeiner legend.

"It's a great way to introduce people to racing, and every year we encourage other U of A faculty to enter," said Reinhold. "We're so fortunate to have events like it so close to home. It's a shame not to get out there and try it." ■



Marion Mayerhofer cross-country skiing at Snow Valley in Edmonton.



# Missing student leaves 15-year legacy

**Residents of St. Joseph's College honour memory of former student**

By Shelagh Kubish

After all the voices that have been heard, it's the silent tribute that perhaps says the most.

On Wednesday, Jan. 24, the residents of St. Joseph's College hung their hockey jerseys out the college's north-facing windows in memory of Dean Mortensen, a student who played on the St. Joseph's Rangers intramural hockey team and disappeared 15 years ago.

In January 1992 Mortensen, who was in his first year of science studies at the U of A, went to The Ship, a popular pub in Lister Hall, with several other St. Joe's residents. Shortly after midnight, he started heading back to the college with a couple of friends. When they got about as far as the Butterdome, Mortensen said he'd forgotten something at the pub, so he turned back to Lister Hall on his own.

Mortensen has not been seen or heard from since.

"It's tricky to vanish," said Father Timothy Scott, president of St. Joseph's College. "Especially in the dead of winter, it's pretty hard to make yourself disappear, if that's what this was. So you suspect foul play."

The next morning, Mortensen's good friend Stephen Beland – who also lived at St. Joe's – knocked on Mortensen's door on his way to an early class they shared.

"I didn't hear him but thought maybe he'd slept in," Beland said. "Then he



Hockey jerseys hang from the windows of St. Joseph's College in tribute to a former resident who vanished 15 years ago. Dean Mortensen failed to return to the residence after an evening out with friends and was never seen again.

missed his second and third class too, so when I got back to the college around 1 p.m. I forced his door open because I was worried."

Beland and Mortensen grew up and played sports together in Grande Cache, a small community 420 kms northwest

of Edmonton. So, when Beland noticed Mortensen's bed had not been slept in, he "flipped out," he said. "It was just not like him to not be home."

Mortensen was a quiet guy and not necessarily well known in the college, but when Beland told other residents he was

worried, "they all listened. When I said it was strange that Dean wasn't back, they all started searching. They all cared. Every single one of them helped look. It's a tight family."

To draw attention to the situation and the need to keep searching, the residents of St. Joe's hung their Rangers hockey jerseys out their windows. Eventually, though the searches and police investigations didn't lead to Mortensen, hanging the jerseys became a tradition of remembrance. Current residents might have been toddlers when Mortensen was a student at the U of A, but all St. Joe's residents embrace the yearly opportunity to remember him.

"The sense is that we are remembering Dean, and we use this event to celebrate the strength of our community," said Robert Routledge, director of residence at the college. "We recognize how challenging it would be to suddenly and unexpectedly lose a family member, and we show respect for the group of Rangers that had to go through this."

Residents attended noon-hour mass at the college Wednesday, wearing blue lapel ribbons as another sign of remembrance. Each year the Dean Mortensen Scholarship is awarded to a student who is active in intramurals, has leadership skills, and contributes to a safer campus. ■

## U of A becomes centre for Humboldt Association of Canada

**New ties with German foundation will foster international collaboration**

By Caitlin Crawshaw

The University of Alberta has partnered with an internationally renowned research foundation to facilitate collaboration between Canada and Germany.

On Feb. 5, the U of A will launch a partnership with the Alexander von Humboldt Foundation at the University of Munich – Germany's top university.

Through this partnership, the U of A will become the co-ordinating centre for the foundation's Canadian branch, the Humboldt Association of Canada.

Established in 1860, the foundation funds the movement of researchers between Germany and other countries. There are approximately 400 Humboldt fellows in Canada, and of them, 30 are at the U of A – more than any other Canadian university.

What's more, in 2006 chemistry professor Dr. David Bundle earned one of the foundation's top prizes – the Humboldt Award – for lifetime achievement in scientific research.

As the liaison office for the foundation, University of Alberta International will promote the foundation in Canada, particularly to government and funding agencies.

"Humboldt runs some huge programs, and without matching funds on the Canadian side, these programs are of very little use to Canadians," Renny Khan, associate director of international relations for University of Alberta International.

The U of A will also organize presentations and information sessions to researchers across the country, and will "highlight opportunities for doctoral students and young faculty members in particular, to apply and take advantage of Humboldt Foundation programs in Germany."

The partnership will not only help Alberta researchers study in Germany, but also allow German researchers come to Alberta. "It's going to bring high-caliber researchers from Germany into the U of A," said Khan.

"In the big picture it gives the U of A

a place on the Canadian scene ... where there are significant capacities with regard to research links to Germany; it's a place where people will start to look for leadership with these kinds of things."

Dr. Len Wiebe, a professor in the U of A Faculty of Pharmacy and Pharmaceutical Sciences is a long-time Humboldt Scholar and now a Humboldt International Ambassador Scientist. In this capacity, he promotes Humboldt programs around the world.

He explained that the Humboldt Foundation benefits U of A scientists in many ways, including providing "an opportunity for younger faculty members to continue their research in Germany with the support of fellowship money."

"The Humboldt Foundation also offers a program of postdoctoral fellowships for young Germans to go abroad through the Humboldt program. It means that Canadian scholars also have the chance to recruit top young scientists from Germany for postdoctoral periods."

International collaboration is critical for science, he says, in an era in which research is becoming increasingly complex. "It's very difficult for scientists to be experts in everything that's important for their research projects," he said.

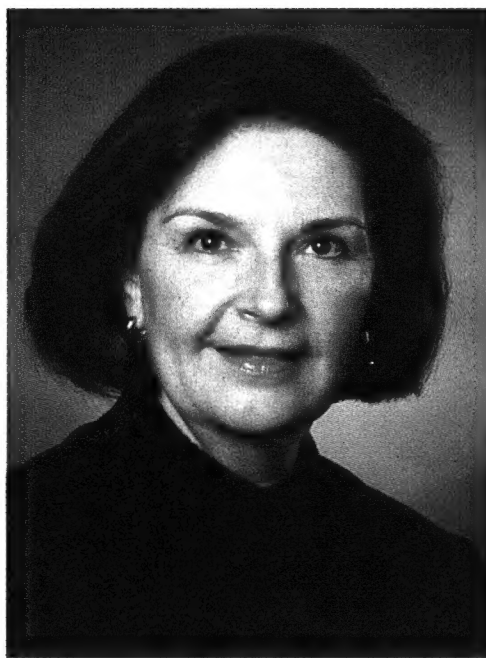
Collaboration, whether at home or abroad, is necessary, said Wiebe – but international collaboration offers scientists the chance to at least bring their research up to an international standard, as well as to benefit from the advances made by other scientists.

Wiebe added that the partnership between the U of A and the Humboldt Foundation is unique.

"This is the first time the Humboldt Foundation has, rather than have their own office in a country, made arrangements with a university to represent their interests in that country," he said.

"We're certainly in new territory, the Humboldt Foundation is in new territory, and we think everybody can benefit." ■

## Enterprise Square update



Supplied

Susan Peirce, director of the Office of Alumni Affairs and executive director of the Alumni Association, is looking forward to the move downtown.

### Spotlight on: The Office of Alumni Affairs

By Shelagh Kubish

One of the benefits of a University of Alberta degree is automatic membership in the Alumni Association, without any fee. The Alumni Association was started in 1915 by a small group of graduates. Now there are more than 200,000 living members worldwide.

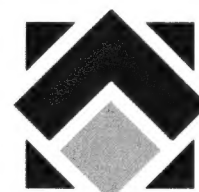
In fact, the majority of grads live in Alberta and in the Edmonton area, and U of A alumni are a vital part of Edmonton's vibrant business, arts and technology sectors.

Susan Peirce, director of the Office of Alumni Affairs (OAA) and executive director of the Alumni Association, says the department's move downtown will help the OAA and the Alumni Association continue to grow.

"We hope to be able to connect with our many alumni in the downtown area in a new way," said Peirce.

The Alumni Association continues to offer programs and services to our graduates, including: an alumni magazine, New Trail; a monthly electronic newsletter, e-trail; life, home and auto insurance; a credit card; special reunion events; and an expanding travel and education program.

"Enterprise Square is going to be a flagship building, and we are excited about our move downtown," said Peirce. ■



**Enterprise Square**  
University of Alberta



# talks & events

Submit talks and events to Lorraine Neumayer by 12 p.m. Thursday one week prior to publication. **Folio Talks and Events listings do not accept submissions via fax, mail, e-mail or phone. Please enter events you'd like to appear in Folio and on ExpressNews at: <http://www.uofaweb.ualberta.ca/events/submit.cfm>.** A more comprehensive list of events is available online at [www.events.ualberta.ca](http://www.events.ualberta.ca).

## UNTIL APR 1 2007

**Adult and Children's Learn-to-swim Lessons**  
Swimming and Lifesaving Programs from the Lifesaving Society - Canada's Life guarding Experts. The Lifesaving Society programs provide a complete swimming and lifesaving program for learners of all ages. Participants can enter programs designed for their age and skill level to learn basic swimming and self rescue skills or add to their existing swimming skills. The Swim for Life Program is accessible, flexible, success oriented and fun. L'il Swimmer, Swimmer and Adult swimmer can meet the needs of preschoolers to adults. Canadian Swim Patrol introduces more fitness and teaches lifesaving skills for fun and personal safety through Water Smart® behaviour. The Bronze Awards teach emergency and rescue skills and provide the prerequisite training to become a lifeguard or instructor. Lifesaving Society programs - skills for life. The L'il Swimmer program is a preschool program can include children with their caregivers. <http://www.activityreg.ualberta.ca>

## UNTIL MAR 31 2007

**Bronze Medallion/Bronze Cross Course (includes CPR-C)** The Bronze Awards Bronze Medallion Bronze Medallion opens the door to the world of aquatic leadership including life guarding and teaching. Swimmers develop lifesaving and leadership skills including good decision making. They improve their swimming efficiency and endurance over increased distances. Prerequisite: Bronze Star or age 13 by the end of the course. Bronze Cross Bronze Cross is the prerequisite for training as lifeguards and Lifesaving Instructors. Participants learn the differences between lifeguarding and lifesaving, the principles of emergency procedures and teamwork. Prerequisite: Bronze Medallion 1 - 4 p.m. West Pool Bleachers West Pool <http://www.activityreg.ualberta.ca>

## UNTIL APR 11 2007

**Shallow Water Aquasize Mondays/Wednesdays** 9 - 9:55 p.m. East Pool East Pool <http://www.activityreg.ualberta.ca>

**Shallow Water Aquasize Mondays/Wednesdays** 12 - 12:45 p.m. East Pool East Pool <http://www.activityreg.ualberta.ca>

## JAN 23 - APR 12 2007

**Deep Water Aquasize** 6:45 - 7:30 a.m. West Pool West Pool <http://www.activityreg.ualberta.ca>

## UNTIL APR 17 2007

**Graduate Student Support & Strategy Group (GS3G)**  
Offers grad students a comfortable and supportive environment to: Discuss concerns/challenges/experiences related to being a grad student (e.g., supervisory relationships, conducting research, teaching, thesis writing, defense preparation?), develop effective problem-solving and coping strategies related to these areas, share and hear about other students' experiences. Individuals are required to meet briefly with the facilitator prior to attending. If you wish to RSVP online with only your name, please contact Student Counselling Services to book an appointment. Register by: ongoing. 2:30 - 4 p.m. 2-600 Students' Union Building (SUB) <http://www.uofaweb.ualberta.ca/counselling/gs3g.cfm>

## FEB 2 2007

**Alumni Book Club** Join fellow alumni for stimulating and friendly discussion in the Spring Alumni Book Club. Paths Apart: Being Human Differently Everyone of us is different, sharing the human experience but realizing it differently. Through three engaging works of fiction we will explore what it is like to be human differently. *A Wild Ride Up the Cupboard* by Ann Bauer, *Mallory* by Margaret Gunning *Deafening* by Frances Itani, '74 BA Choice of Thursday evening or Friday afternoon meetings, see our website for further details. 1 - 3 p.m.

**Economics Recruitment** Ms. Beyza Ural PhD Candidate Syracuse University *The Impact of Trade Reform on Household Welfare in a General Equilibrium Framework: Empirical Evidence from India*. A paper is available. 3:30 p.m. 8-22 Tory Building, Henry Marshall

**This way to the egress: How to fool cells to exit mitosis** Neil Adames, Faculty of Science, Department of Biological Sciences, University of Alberta, is presenting a seminar on, "This way to the egress: How to fool cells to exit mitosis." 3:30 p.m. M-149, Biological Sciences Building <http://www.biology.ualberta.ca/courses/genet605/>

**Pandas Basketball** Pandas vs. B.C. 6 p.m. Main Gym Physical Education and Recreation Centre, Van Vliet [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Bears Hockey** Bears vs. Lethbridge. 7:30 p.m. Clare Drake Arena Physical Education and Recreation Centre, Van Vliet. [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Bears Basketball** Bears vs. B.C. 8 p.m. Main Gym Physical Education and Recreation Centre, Van Vliet. [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Kilburn Memorial Concert at the Francis Winspear Centre for Music** Kilburn Memorial Concert at the Francis Winspear Centre for Music Visiting Artist Paul Jacobs, organ. Virtuoso organ music on the Davis Concert Organ by Johann Sebastian Bach, Cesar Franck, Max Reger, Olivier Messiaen and Julius Reubke. 8 p.m. <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

## FEB 3 2007

**Organ Masterclass** Organ Masterclass. Visiting Artist Paul Jacobs. 10:30 a.m. Arts and Convocation Hall <http://www.ualberta.ca/music>

**Pandas Basketball** Pandas vs. Victoria. 6 p.m. Main Gym Physical Education and Recreation Centre, Van Vliet. [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Bears Hockey** Bears vs. Lethbridge 7:30 p.m. Clare Drake Arena Physical Education and Recreation Centre, Van Vliet. [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Bears Basketball** Bears vs. Victoria. 8 p.m. Main Gym Physical Education and Recreation Centre, Van Vliet. [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**World Music on Stage - POSTPONED**  
World Music on Stage has been postponed. For more information, please contact the Centre for Ethnomusicology, Arts 3-47, telephone: 492-0274 8 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

## FEB 4 2007

**University Symphony Orchestra** University Symphony Orchestra Tanya Prochazka, Conductor 8 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

## FEB 5 - 8 2007

**Integrating Teaching and Research Week**  
Different strategies for integrating teaching, learning, and research will be outlined and best practices in reflective and scholarly applications will be presented. Feb. 5, 3:30-5 p.m. "Unexpected Passageways: Research Through Community-Service Learning" Sara Dorow (Sociology) Tuesday, February 6, 3:30-5 p.m. "An Academic Theme: A Focus for Learning" John Johansen (Augustana Faculty) Wednesday, Feb. 7, 3:30-5 p.m. "Enhancing the Learning Environment by Embracing the Integration of Teaching and Research" Frank Robinson (Food and Nutritional Sciences) Thursday, Feb. 8, 3:30-5 p.m. "Research Opportunity Program in Science: Bringing Research Experience Into a Student's Second-Year Program" Glen Loppnow (Chemistry) 243 Central Academic Building <http://www.ualberta.ca/~uts/>

## FEB 5 2007

**Music at Noon, Convocation Hall Student Recital Series** Music at Noon, Convocation Hall Student Recital Series Featuring students from the Department of Music. 12 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**Economics Recruitment: Gaming Chair** Dr. Doug Walker Georgia College. *The Economics of Casino Gambling*. A paper will be available. 3:30 p.m. 8-22 Tory Building, Henry Marshall

**University Teaching Services** Unexpected Passageways: Research Through Community-Service Learning (I) Community service-learning (CSL) has significant potential to enhance the learning of academic subject matter, and the understanding of and engagement in social citizenship. But more than this, it is an avenue to teaching research and to building research programs in meaningful ways. Drawing on specific examples from experiences in CSL courses, a panel of instructors and students will address both the possibilities and limitations of service-learning as a tool for integrating research, teaching and learning. Facilitator: Sara Dorow,

Sociology. 3:30 - 5 p.m. CAB 243 Central Academic Building <http://www.ualberta.ca/UTS/>

**Lecture "György Ligeti's Piano Etudes - A Performer's Analysis"** Lecture "György Ligeti's Piano Etudes - A Performer's Analysis." Visiting Artist Corey Hamm 4 p.m. Studio 27, Fine Arts Centre. <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**Talisman Energy Engineering Scholarships Reception** Talisman Energy is pleased to host a special reception honouring the student recipients of the Talisman Academic Excellence Scholarships. This event is by invitation only. 5:30 - 7:30 p.m. Engineering Teaching and Learning Complex (ETLC) [www.engineering.ualberta.ca/events](http://www.engineering.ualberta.ca/events)

**Visiting Artist Recital** Visiting Artist Recital Corey Hamm, piano Etudes (a selection): György Ligeti Four Dirges Op 9: Béla Bartók Etudes (a selection): David Rakowski Chute - Parachute (for piano and tape): Michel Gonneville Winnsboro Cotton Mill Blues: Rzewski 8 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

## FEB 6 2007

**Piano Masterclass** Piano Masterclass Visiting Artist Corey Hamm. 3:30 p.m. Studio 27, Fine Arts Centre. <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**University Teaching Services** An Academic Theme: A Focus for Learning (C) The Augustana Faculty is a community of scholars, dedicated to the ideals of teaching and learning, creativity and discovery. One way to give expression to these ideals is an annual topic of current interest and enduring significance as a focus for dialogue and learning across the entire faculty community. The 2006-07 theme is "Pandemics, Plagues, and Viruses." This presentation will describe the process and how an annual theme invigorates teaching and learning. Presenter: John Johansen, Augustana Faculty. 3:30 - 5 p.m. CAB 243 Central Academic Building <http://www.ualberta.ca/UTS/>

**Welcome to the Reel World - A Village of Widows** The world's first uranium mine was located on Great Bear Lake in the Northwest Territories. Many aboriginal men worked for the mine, transporting uranium ore in gunnysacks on their backs. The men and their families were not warned about the hazardous nature of these ores and tailings. Most of the men who worked as labourers have died of some form of cancer, their widows were left to raise their families alone. This village of young men are the first generation in the history of Dene to grow up without guidance from their grandfathers, fathers and uncles. The cultural, economic, spiritual and emotional impact of the mine on the community poses a threat to the survival of the one and only tribe on Great Bear Lake. 5 p.m. 325 CEB [http://www.international.ualberta.ca/globaled\\_events.php?id=201](http://www.international.ualberta.ca/globaled_events.php?id=201)

## FEB 7 2007

**Analysis of Protein Expression in an Aedes albopictus Cell Line Naturally Infected with Wolbachia** Lesley Brennan, Department of Biological Sciences, University of Alberta, is presenting a seminar on "Analysis of Protein Expression in an Aedes albopictus Cell Line Naturally Infected with Wolbachia." 12 p.m. M-141, Biological Sciences Building <http://www.biology.ualberta.ca/courses/biol642/>

**Public Health Sciences Grand Rounds** Guest Speaker: Dr. Jane Drummond, Vice Provost, Health Sciences Council will present a seminar entitled, What is the Best Approach to Integrate Services for Low-Income Families with Children 12 - 1 p.m. Room 2-117 Clinical Sciences <http://www.phs.ualberta.ca/>

**WestGrid Seminar Series** PARALLEL PROGRAMMING WITH MPI - Intro to the basics of programming with MPI with a focus on programming in Fortran and C. 1:30 - 2:30 p.m. 315 General Services Building <http://www.westgrid.ca>

**University Teaching Services** Enhancing the Learning Environment by Embracing the Integration of Teaching and Research (C) Over the past four years Dr. Robinson has changed dramatically how he teaches his introductory Animal Science class. He did not throw out lectures and labs, rather he introduced projects that build on class material and take students out of the classroom to deliver public forums about answers to scientific questions. Come learn about an exciting approach to involving undergraduate students in research. Presenter: Frank Robinson, Food & Nutritional Science. 3:30 - 5 p.m. CAB 243 Central Academic Building <http://www.ualberta.ca/UTS/>

**Alberta Baroque Ensemble Concerto Competition** Alberta Baroque Ensemble Concerto Competition. 8 p.m. Arts and Convocation Hall

## The Powerplant Breakfast Menu

**Powerplant Breakfast \$6.00**  
Two eggs, any style with choice of bacon, ham or sausage, served with toast and hashbrowns or pancakes

**1/2 Plant Breakfast \$4.00**  
A smaller version of the Powerplant Breakfast

**Plant Breakfast Bowl \$4.95**  
Seasonal fresh fruit. Granola. French vanilla yogurt.

**Golden Bear \$4.50**  
A single toasted English Muffin with egg and a choice of bacon, ham or sausage. Topped with cheddar, served with hashbrowns

**Plant Bacon Lettuce and Tomato Sandwich \$4.95**  
Served with hashbrowns.

**French Toast \$4.00**  
Two slices of french bread dipped in cinnamon, vanilla, and egg, grilled till golden brown

**Daily Plant Breakfast Special \$6.50**  
Our kitchen's favorite. Ask your server for today's special.

**Panda Pancakes \$6.00**  
3 large pancakes served with syrup  
Add strawberry and whipped cream \$2.00

**Plant Omelet \$7.00**  
Three egg omelet with choice of 2 fillings: sausage, ham, peppers, mushrooms, green onions, tomatoes, or bacon. Served with a choice of pancakes or toast & hashbrowns.

**Beverages**  
Coffee \$1.75  
Juice \$2.25  
(apple, orange, cranberry, grapefruit, pineapple)  
Tea \$1.75

**Sides**  
1 Egg \$1.50  
Toast \$2.00  
Hashbrowns \$2.00  
Meat \$3.00  
(3 bacon, 3 sausage, or 2 ham)

{ POWERPLANT BREAKFAST }  
HOURS ARE 8AM TO 11AM





**Cross-Cultural Communication in Central Europe** A Public Lecture by Iwona Szlanszok, 2006/2007 Polish Research Fellow at the Wirth Institute. 2:30 p.m. Senate Chamber Arts and Convocation Hall <http://www.arts.ualberta.ca/wi>

**Economy of Africa-India Relations: Remaking of a South-South Alliance** Dr. Meenal Shrivastava, assistant professor, coordinator of Global Studies and Political Economy, Athabasca University. "Economy of Africa-India Relations: Remaking of a South-South Alliance Series Sponsors: For more info, contact Dr. Malinda Smith, email: [Malinda.smith@ualberta.ca](mailto:Malinda.smith@ualberta.ca), 780.492.5380 / Nisha Nath, email: [nnath@ualberta.ca](mailto:nnath@ualberta.ca); Department, 780.492.3429. Web: Concluded sessions are now available on the department website in podcasting and video-streaming formats, thanks to the support of the Arts Resource Centre and Academic Information and Communications Technology: 3:30 p.m. 1-91 Tory Building. [http://www.uofaweb.ualberta.ca/polisci/SpeakersSeries\\_0607.cfm](http://www.uofaweb.ualberta.ca/polisci/SpeakersSeries_0607.cfm)

**Economics Recruitment: Gaming Chair** Dr Brad Humphreys University of Illinois at Urbana-Champaign Lotteries, Casinos, and Consumer Behaviour: Evidence from the Consumer Expenditure Survey A paper will be available. 3:30 p.m. 8-22 Tory Building, Henry Marshall

**Simulation of Crack Identification Using Surface-Bonded Piezoelectric Actuators/Sensors** Dr. Xiaodong Wang Professor, Department of Mechanical Engineering University of Alberta. Piezoelectric actuators/sensors are quick in response, highly linear, small, non-invasive, inexpensive and easily wired into sensor arrays. As a result, many researchers have studied the technique of generating and collecting diagnostic elastic waves using piezoelectric materials and thus realizing continuous monitoring of structural integrity. Piezoelectric materials have been widely used in electromechanical devices, such as actuators, sensors and transducers. The study of the coupled behaviour of them has drawn great attention from the research and industrial communities. The current presentation will discuss the electromechanical behaviour of thin-sheet piezoelectric actuators bonded to elastic materials for damage detection. 3:30 p.m. 2-002 Engineering Teaching and Learning Complex (ETLC). <http://www.uofaweb.ualberta.ca/mece/departmentsseminars.cfm>

**University Teaching Services** Research Opportunity Program in Science: Bringing Research Experience Into a Student's Second-Year Program (I) The ultimate active learning experience in science is participating in research. Two years ago, the Departments of Chemistry and Biological Sciences instituted a Research Opportunity Program for second-year students, providing second-year students with an introduction to research in labs throughout these departments. Preliminary results and student feedback will be presented for this initiative. Presenter: Glen Loppnow, Chemistry. 3:30 - 5 p.m. 243 Central Academic Building <http://www.ualberta.ca/UTS/>

**Civil, Environmental, Mining and Petroleum Engineers Alumni Reception** Join other Edmonton-area University of Alberta Engineering alumni and friends of the faculty. Dr. David Lynch, Dean of Engineering, looks forward to meeting you and sharing the Faculty's recent successes and plans for future development. 5:30 - 7:30 p.m. Solarium Engineering Teaching and Learning Complex (ETLC)

**A Global Comparison of Deaf Education** Presenters: Dr. David Mason, Linda Cundy, Daphne Eng Foong Mei Linda and Dave will discuss their observations of the educational systems for Deaf and hard of hearing in El Salvador and Colombia based on their travel experiences. Daphne will discuss her experiences as a deaf student in Malaysia. The objective of their presentations is to provide an opportunity to gain a deeper insight into the similarities and differences between the education systems. A Question-Answer session will follow the conclusion of the presentations. 7 - 9 p.m. 2-115 Education North Education Centre

FEB 9 2007

**To flower or not to flower: How FT acts as a florigen to control flowering in Arabidopsis** Dylan M. Silver, Department of Biological Sciences, University of Alberta, is presenting a seminar on, "To flower or not to flower: How FT acts as a florigen to control flowering in Arabidopsis." 12 p.m. M-149, Biological Sciences Building Biological Sciences <http://www.biology.ualberta.ca/courses/bot600/index.php?Page=5068>

**Catching the Olympic Spirit: Teaching Life Skills Through Sport** Presented by Martin I. Jones, visiting PhD student from the School of Sport and Exercise Science at Loughborough University, England. Abstract: Olympism, the philosophy of the Olympic Games, states that sport can be used as a vehicle to teach values, virtues, and skills that are beneficial both on and off the field of play and are believed to be transferable to the classroom and the boardroom. This presentation reviews the major developments in developmental and sport psychology using sport as a context for positive youth development and teaching life skills, and highlights

how this research can help the practical implementation of the Olympic ideals. Research assessing the life skills needs of adolescent athletes will also be presented as a foundation for the development of the ELITE life skills program. The program is a practical example of how life skills can be taught through participation in sport. 2 p.m. E431 Physical Education and Recreation Centre, Van Vliet. [www.physedandrec.ualberta.ca](http://www.physedandrec.ualberta.ca)

**Economics Recruitment - Dr Jane Ruseski** University of Illinois at Urbana-Champaign Economic Determinants of Participation in Physical Activity and Sport Joint work with Dr. Brad Humphreys. A paper is available. 3:30 p.m. 8-22 Tory Building, Henry Marshall

**Bears Volleyball** Bears vs. Trinity Western 6:30 p.m. Main Gym Physical Education and Recreation Centre, Van Vliet [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Bears Hockey** Bears vs. Calgary 7:30 p.m. Clare Drake Arena Physical Education and Recreation Centre, Van Vliet [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Pandas Volleyball** Pandas vs. Trinity Western 8 p.m. Main Gym Physical Education and Recreation Centre, Van Vliet [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

FEB 10 2007

**Owning Embryos or Commercializing Life? How will the World Receive Stem Cell Patents?** Guest Scholar: Timothy Caulfield, Canada Research Chair; Professor, Law; Professor, Medicine & Dentistry; Research Director, Health Law Institute Moderator: Dr. Martin Tweedale, professor emeritus, philosophy. 2 - 3:30 p.m. <http://www.uofaweb.ualberta.ca/publicaffairs/philosopherscafe.cfm>

**Bears Volleyball** Bears vs. Trinity Western. 8 p.m. Main Gym Physical Education and Recreation Centre, Van Vliet. [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Michel Cardin, baroque lute** The celebrated Canadian lutenist and musicologist performs rarely heard and re-discovered Baroque masterworks. 8 p.m. Convocation Hall Arts and Convocation Hall. <http://www.edmontonchambermusic.org>

FEB 11 2007

**University of Alberta Madrigal Singers** University of Alberta Madrigal Singers Leonard Ratzlaff, conductor. 3 p.m. <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**University of Alberta Symphonic Wind Ensemble** University of Alberta Symphonic Wind Ensemble Angela Schroeder, Director 8 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

FEB 12 2007

**Noon Hour Organ Recital** Noon Hour Organ Recital A variety of organ repertoire played by students, faculty and guests of the University of Alberta Department of Music. 12 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

**University Teaching Services** Developing Your Teaching Philosophy (S). What are the most important things that students can learn from you? What is your personal vision of excellence in education? Where can you find inspiration to teach? In this interactive workshop, discussion and written exercises will help participants focus beyond the curriculum to discover and articulate their unique goals as an instructor, supervisor, and mentor. Presenter: Laura Shanner, Public Health Sciences. 3 - 4:30 p.m. 243 Central Academic Building <http://www.ualberta.ca/UTS/>

**Rural Economy Seminar** Brent Sohngen, Professor, Agricultural, Environmental & Development Economics, Ohio State University will present a seminar titled: Forestry and the Carbon Market Response to Stabilize Climate. 3:30 p.m. 550 General Services Building

FEB 13 2007

**Distinguished Visitor Presentation** Dr. Nora Groce Medical Anthropologist and Director Yale/WHO Collaborating Centre, Division of Global Health, Yale School of Public Health, Yale University will present: Ethics & Disability. 12 - 1 p.m. Room 207 Heritage Medical Research Centre <http://www.ualberta.ca>

FEB 13 - MAR 13 2007

**Women's Healthy Body Image** Are you looking to foster a more positive body image? This women's discussion group aims to: encourage healthy discussion around body image; promote self awareness of body perception; educate on what factors influence how we perceive our image; offer strategies and resources to facilitate a positive shift in perception of self. The group consists of three sessions, meeting bi-weekly. Note: This is not a therapy group intended for treatment of clinical eating disorders. Individuals are required to meet briefly with the facilitator prior to attending. If you wish to RSVP online and choose to leave your phone number and/or e-mail address, we will contact you to schedule an appointment with the facilitator for a pre-screening appointment. If you choose to RSVP

SEEKING CONFIDENTIAL ADVICE AND CONSULTATION, OR EDUCATION SERVICES IN THE AREAS OF DISCRIMINATION, HARASSMENT, OR RELATED DISPUTES?

*The Office assists students, faculty, and staff who have experienced incidents such as:*

- PERSONAL OR SEXUAL HARASSMENT
- RACIAL DISCRIMINATION
- UNFAIR TREATMENT because of sexual orientation
- LACK OF ACCESSIBILITY to university buildings and resources
- AN UNWELCOMING ATTITUDE OR BARRIERS to full participation as a result of race, religious beliefs, colour, gender, physical disability, mental disability, marital status, family status, ancestry, place of origin, age, sexual orientation, political belief, or source of income.

**CONTACT THE OFFICE OF HUMAN RIGHTS**  
289 CAB | PHONE AND TTY: 492-7325  
HUMAN RIGHTS@UALBERTA.CA  
[WWW.UALBERTA.CA/HUMANRIGHTS](http://WWW.UALBERTA.CA/HUMANRIGHTS)

Your feet are the foundation of your body...

Foot Pain? Knee Pain? Back Pain?

Digital information and our physiotherapist's clinical exam are combined to make affordable prescription orthotics worn in your shoes, to correct many abnormal foot functions.

Footmaxx

University of Alberta employee benefit package includes 2 pairs orthotics/year

Click this ad for a FREE computerized foot analysis

Call 431-1050

(valid until February 15, 2007)

**University Physical Therapy**

Garneau Professional Centre  
#350, 11044 - 82 Ave.

**Paul Lorieau's University Optical**

**FREE VISION TEST**

with purchase of lenses or complete eye glasses

Conveniently located in College Plaza

11170 - 82 Avenue  
Edmonton, AB T6G 2L8

Wheelchair Accessible **433-5500**

**Ann Dawrant**

**RE/MAX Real Estate Centre**

20 years as successful residential realtor specializing in west and southwest Edmonton

- Consistently in top 5% of Edmonton realtors
- Member of prestigious RE/MAX Platinum Club
- Member of RE/MAX Hall of Fame
- Born and raised in Buenos Aires and has lived in Edmonton since 1987
- Bilingual in English and Spanish

"Call me to experience the dedicated, knowledgeable, and caring service that I provide to all my clients."

[www.anndawrant.com](http://www.anndawrant.com) [anndawrant@shaw.ca](mailto:anndawrant@shaw.ca) (780) 438-7000

online with only your name, please contact Student Counselling Services to book an appointment. 2 - 3:30 p.m. 2-600 Students' Union Building (SUB) [http://www.uofaweb.ualberta.ca/counselling/womens\\_body\\_image.cfm](http://www.uofaweb.ualberta.ca/counselling/womens_body_image.cfm)

FEB 13 2007

**Welcome to the Reel World - Mojados: Through the Night** An eye-opening documentary filmed over the course of ten days that follows four men into the desperate world of illegal immigration. Alongside Bear, Tiger, Handsome, and Old Man, director Tommy Davis takes a 120 mile cross-desert journey that has been traveled innumerable times by nameless immigrants who, like these four young migrants from Michoacan, Mexico, all had the simple, American dream for a better future. Davis brings to life the often unheard hopes and stories of these migrants as their dehydrated days evading the U.S. Border Patrol turn into sub-zero nights filled with barbed wire, brutal storms and the ever-present confrontation with death that is reality for the tens of thousands of illegal immigrants who make a similar journey into the United States every year. 5 p.m. 325 CEB [http://www.international.ualberta.ca/global\\_events.php?id=201](http://www.international.ualberta.ca/global_events.php?id=201)

FEB 14 2007

**Alberta Injury Control Teleconference** Dr. Peter Rothe, senior associate, Alberta Centre for Injury Control & Research, School of Public Health, University of Alberta, will present a seminar entitled, "Designated Drivers & Other Community Based Ride Home Programs: A Critical Look." To register for this teleconference, please refer to the contact information shown below. Month-to-month subscriber rates for the teleconference are \$20 (\$25 for out of province). Port reservations must be made in writing (by fax) no less than 48 hours prior to the scheduled teleconference. 9 - 10 a.m. 4070-A Research Transition Facility [www.med.ualberta.ca/acirc](http://www.med.ualberta.ca/acirc)

**Public Health Sciences Grand Rounds** Dr. Lonnie Zwaigenbaum Director, Autism Research Centre, Glenrose Rehabilitation Hospital Topic: Early Developmental Trajectories in Autism: Insights From Prospective Research With High-Risk Infants 12 - 1 p.m. 2-117 Clinical Sciences <http://www.phs.ualberta.ca>

**Rural Economy Seminar** Roger Sedjo, Senior Fellow and Director, Forest Economics and Policy Program, Resources for the Future, Washington, DC will present a seminar titled: "Forests, Pulpmills,





## Celebrating Outstanding Alumni

University of Alberta 2007 Alumni Recognition Awards

### CALL FOR NOMINATIONS

If you know leaders in your profession or your community who are graduates of the University of Alberta and have a history of:

- exceptional community involvement,
- outstanding professional achievements, and
- service to society or the welfare of others

nominate them for an Alumni Recognition Award from the University of Alberta Alumni Association. These awards recognize accomplishments of national or international prominence, achievements or honours in the past year, long-term service to the community, and outstanding accomplishments by alumni just beginning their careers.

For nomination forms or information visit [www.ualberta.ca/alumni](http://www.ualberta.ca/alumni) or contact the Office of Alumni Affairs at 492-3224.

NOMINATION DEADLINE IS MARCH 1, 2007



UNIVERSITY OF  
ALBERTA

Office of Alumni Affairs 6th Floor, General Services Building, Edmonton, AB T6G 2H1  
Phone: 492-3224 or 1-800-661-2593 in North America Email: [alumni@ualberta.ca](mailto:alumni@ualberta.ca)

## Review of the VP (Research) Portfolio: Request for Input from the Community

President Samarasekera has struck a review committee comprised of both internal and external members to review the Vice-President (Research) portfolio. This is a new practice that will be triggered whenever a Vice-President is recruited to a portfolio. The review is meant to assist the next Vice-President and Executive team by providing additional perspectives about the portfolio.

The review committee believes it is essential for members of the University community to have an opportunity to contribute to the review of the Research portfolio. Individuals are welcome to express their views on priorities of the Research portfolio including current issues, leadership, and the future direction of the Office of the Vice-President (Research).

An **anonymized** summary of the feedback will be provided to the new Vice-President (Research) as part of the review process. The Committee invites you to submit your comments and/or suggestions, in confidence, by **4:30 pm, February 06, 2007** to:

President Indira Samarasekera  
c/o Sandra Kereliuk, Secretary to the Research Review Committee  
3-1 University Hall  
University of Alberta, T6G 2J9  
phone: (780) 492-6658  
email: [sandra.kereliuk@ualberta.ca](mailto:sandra.kereliuk@ualberta.ca)  
fax: (780) 492-9265

Responsibility for the administration of the review process is housed in the Office of the President. Please note the Terms of Reference for the portfolio and the membership of the review committee are posted on the President's website at [www.president.ualberta.ca](http://www.president.ualberta.ca).



UNIVERSITY OF  
ALBERTA

Energy and Biorefineries." 3:30 p.m. 550 General Services Building

### Valentine's Day performance and reception

A Valentine's Day performance of The Clink by Stephen Jeffreys and a romantic pre-show reception at the Timms Centre for the Arts. 7:15 p.m. [www.uofaweb.ualberta.ca/youngalumni](http://www.uofaweb.ualberta.ca/youngalumni)

FEB 15 2007

### Lunch by the Books: Writing Biography: Pleasures and Challenges (Panel Discussion)

Lunch by the Books is a free noon-hour learning series. Presentations run from 12:05 - 12:50 p.m. Christine Wiesenthal and Juliet McMaster, English & Film Studies; I.S. MacLaren, English & Film Studies and History & Classics Writing a biography can be a daunting task, but it also has its pleasures: the excitement of the chase; the chance discovery of a crucial, previously unknown detail; the submergence of one's own life in that of another. Share your thoughts with three writers of biography in a provocative panel discussion. All are welcome! Bring your lunch! Lunch by the books is presented by the Faculty of Arts & the Edmonton Public Library. <http://www.uofaweb.ualberta.ca/arts/LunchbytheBooks.cfm>

**University Teaching Services** Teaching and Learning Basics for the University Teaching Program (C) (I) (E) (M) (S) Teaching and Learning Basics offers graduate students in the University Teaching (UT) Program opportunities to practice their teaching skills. The third Thursday morning of each month is set aside for graduate students and others to present to their peers on an aspect of teaching or learning. Participants are invited to give a 15-minute presentation on a teaching topic of their choice. Discussion following the presentations will focus on teaching and learning basics. Facilitators: UTS Faculty Associates. 9 a.m. - 12 p.m. 243 Central Academic Building <http://www.ualberta.ca/UTS/>

### Renewable Resources Seminar Series

**Schedule** Dr Ted Hogg, Canadian Forest Service will present a seminar entitled "Impacts of the recent drought on productivity and dieback of western Canadian aspen forests: early signs of climate change?" 12:30 - 2 p.m. Room 236 Earth Sciences [http://www.rr.ualberta.ca/What's%20Happening/Seminars\\_lectures/Index.asp?Page=Index](http://www.rr.ualberta.ca/What's%20Happening/Seminars_lectures/Index.asp?Page=Index)

**"Sovereignty Abandoned? How the Supremacy of EU Law Diminishes Czech Law"** A Public Lecture by Premysl Spicar, 2006/2007 Czech Research Fellow at the Wirth Institute. 2:30 p.m. Senate Chamber Arts and Convocation Hall <http://www.arts.ualberta.ca/wi>

**Frank McKenna** Former Canadian Ambassador to the United States and former Premier of New Brunswick will deliver a lecture on Canada-U.S. relations. 3 - 4:15 p.m. Wild Rose Room Lister Centre

**Mixing and Segregation: using spatial statistics to explore the meaning of "well mixed"** Dr. Suzanne Kresta, professor, U of A Department of Chemical Engineering. This talk considers a shift in our concept of mixing from equipment design towards a more general process fundamental. The concept of control of segregation is placed in the context of the related, but separate fundamentals of mass transfer, fluid mechanics and reactor design. The role of theoretical concepts from both chaos and turbulent fluid mechanics and the additional mathematics and statistics needed to define mixing will be reviewed. 3:30 p.m. 2-002 Engineering Teaching and Learning Complex (ETLC) <http://www.uofaweb.ualberta.ca/mece/departmentseminars.cfm>

**Departmental Seminar** Dr. Scott Pitnick, Department of Biology, Syracuse University, will present a seminar entitled, "Man is but a sperm: making evolutionary sense of complex ejaculate-female interactions." Hosted by Dr. Heather Proctor. 4 - 5 p.m. M 145 Biological Sciences [http://www.biology.ualberta.ca/news\\_events/events/index.php?Show\\_Description=Yes&month=2&year=2007&day=15&Series=&Show\\_All=](http://www.biology.ualberta.ca/news_events/events/index.php?Show_Description=Yes&month=2&year=2007&day=15&Series=&Show_All=)

## positions

The records arising from this competition will be managed in accordance with provisions of the Alberta Freedom of Information and Protection of Privacy Act (FOI/PPA). The University of Alberta hires on the basis of merit. We are committed to the principle of equity of employment. We welcome diversity and encourage applications from all qualified women and men, including persons with disabilities, members of visible minorities, and Aboriginal persons. With regard to teaching positions: All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. For complete U of A job listings visit [www.hrs.ualberta.ca](http://www.hrs.ualberta.ca).

### HEAD LIBRARIAN BIBLIOTHÈQUE SAINT-JEAN, UNIVERSITY OF ALBERTA LIBRARIES

The University of Alberta Libraries, with a long tradition of service excellence to the University and its communities, seek a dynamic individual to take responsibility for operation and development of the Bibliothèque Saint-Jean (BSJ). The Head Librarian manages the human, financial, and physical resources of BSJ including development of the collection, planning and setting priorities for service, evaluation of outcomes, and supervision of 8.5 staff. Working within a team environment, the

**Cruising Queer Constellations of Urban Space or Adventures in New Narrative** Inside/OUT 2006/2007 Speakers' Series Profiling LGBTQ-Related Work at the U of A. Cruising Queer Constellations of Urban Space or Adventures in New Narrative. Presenter: Dr. Dianne Chisholm, Department of English and Film Studies, U of A. Where standard urban histories present a predictable narrative of progress, queer city writing presents erratic memoirs of colliding dreams and catastrophes. Late last-century queer avant-garde prose constellates lived inner-city space with characters of the gay village, gay mecca, gai Paris, the lesbian flaneur, the lesbian bohème, and other urban phantasmagoria that juxtapose revolutionary utopia paradoxically against commodity spectacle. This talk will introduce listeners to new practices of walking, seeing, citing and remembering the city as devised by such contemporary queer writers Samuel Delany, Robert Glück, Gail Scott, Sarah Schulman, Eileen Myles, Gary Indiana, and David Wojnarowicz. After each presentation we invite you to join us at the Sugar Bowl to continue to network and socialize. Inside/OUT is a campus-based network for LGBTQ and allied faculty, graduate students, academic, and support staff of the U of A. We also invite undergraduate students and community members to attend. Inside/OUT is designed to provide a safe and confidential space on the university campus for LGBTQ persons and their allies to network, socialize, and have fun in a supportive and welcoming environment. For more information, please contact Kristopher Wells or Marjorie Wonham or visit <http://www.mailman.srv.ualberta.ca/mailman/listinfo/inside-out> to join the confidential Inside/OUT listserv. 5 - 6 p.m. 7-152 Education North Education Centre <http://www.uofaweb.ualberta.ca/education/pdfs/InsideOUT200607SpeakersSeriesPoster.pdf>

### Distinguished Visitor Presentation Dr.

Nora Groce Medical Anthropologist and Director Yale/WHO Collaborating Centre Division of Global Health, Yale School of Public Health, Yale University will present: "The rights of children with disabilities: Canada and around the world." 7 - 9 p.m. Telus Centre Lecture Theatre & Foyer. <http://www.ualberta.ca/bioethics>

FEB 16 2007

### Catching the Olympic Spirit: Teaching Life

**Skills Through Sport** Martin Jones, a PhD student at Loughborough University, England, will present his research on using sport to promote positive youth development and life skills. All are welcome to attend. 2 - 3 p.m. E-431 Physical Education and Recreation Centre, Van Vliet

**Bears Hockey** Bears vs. B.C. 7:30 p.m. Clare Drake Arena Physical Education and Recreation Centre, Van Vliet. [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

**Music at Convocation Hall I** Music at Convocation Hall I. Shelley Younge, flute. Tanya Prochazka, cello. Aaron Au, violin. Charles Hudelson, clarinet. Sylvia Shadick-Taylor, piano. Vox Balaenae (Voice of the Whale): George Crumb Suite Hebraic: Srul Irving Glick Chamber Symphony No 1, Op 9: Schoenberg, arr Anton Webern 8 p.m. Arts and Convocation Hall <http://www.uofaweb.ualberta.ca/music/briefs.cfm>

FEB 17 2007

**Bear Hockey** Bears vs. B.C. 7:30 p.m. Clare Drake Arena Physical Education and Recreation Centre, Van Vliet [www.cubsclub.ualberta.ca](http://www.cubsclub.ualberta.ca)

FEB 20 - 21 2007

**Choices Conference for Grade 6 Girls** 600 Grade Six Girls and their teachers from select schools in the Greater Edmonton area will participate in a day of hands-on science activities, large group challenges and guest presentations. Students and teachers register through their schools, on a first-come, first-served basis. Central Academic Building <http://www.wisest.ualberta.ca/choices.cfm>

successful candidate will contribute to the overall management of the Libraries through the Library Operating Group, will participate in the activities of the Campus Saint-Jean and take a leadership role in the development of French language library services in Western Canada.

The University of Alberta Library is Canada's second largest research library, with a collection exceeding five million volumes. The Library has a unique relationship with the broader community through NEOS, a central Alberta consortium consisting of 18 government, hospital, college and university libraries and through The Alberta Library. Visit our website at <http://www.library.ualberta.ca>.



The Bibliothèque Saint-Jean is part of the larger University of Alberta Libraries system. Its mission is to serve the staff and students and support the programs of study and research of the Campus Saint-Jean. The Campus Saint-Jean is a French language faculty within the English language environment of the University of Alberta. The Campus offers the BA, BAA (jointly with the Faculty of Business), BSc, BScInfr Bilingue (with the Faculty of Nursing), BScEnv Bilingue (with the Faculty of Agriculture, Forestry and Home Economics), BEd, BEd/BSc, BEd/AD (After Degree), MA (in Canadian Studies) and MEd programs to students in the French language. The Bibliothèque Saint-Jean collection (200,000 volumes, 350 serials) contains resources in the arts and humanities, the social sciences, education and pure sciences, classified according to the Library of Congress. It is a selective depository for federal government publications and a depository for French language films from the National Film Board. It also has an extensive collection of curriculum materials and children's literature arranged in the Dewey classification as well as Library of Congress. While the French language is the language of teaching and research at the Campus Saint-Jean, staff of the Bibliothèque Saint-Jean must work equally well in English in order to communicate with their English-speaking library colleagues, external users and the public.

Qualifications will include an MLS degree from an accredited library school and at least 3 to 5 years relevant experience, including supervision. The interview will be conducted in both English and French. Applicants must possess a strong service orientation, superior management skills, excellent instructional and communications skills, a commitment to cooperative solutions and superior information management skills.

This tenure-track position is classified at the Librarian 2 level with a current salary range of \$65,571 to \$104,291 per annum. Librarians at the University of Alberta have academic status and participate in a generous benefits program. NOTE: This is a re-posting. Previous applicants will be considered and need not re-apply. Consideration of resumes will begin on March 5, and continue until the position is filled.

To apply please mail, fax or e-mail your resume and the names of three references to:

Karen Adams  
Director of Library Services and  
Information Resources  
Cameron Library  
University of Alberta  
Edmonton, Alberta, Canada T6G 2J8  
Fax: (780) 492-8302  
e-mail: karen.adams@ualberta.ca

Established in 1908 as a board-governed, public institution, the University of Alberta has earned the reputation of being one of the best universities in Canada based on our strengths in teaching, research and services. The University of Alberta serves over 35,500 students in more than 200 undergraduate programs and 170 graduate programs ([www.ualberta.ca](http://www.ualberta.ca)). The University's main campus is located in Edmonton, the cosmopolitan capital of the province of Alberta. The Edmonton metropolitan area is the sixth largest in the country with a population of approximately one million people (<http://www.edmonton.ca/portal/server.pt>). Edmonton is home to vibrant cultural events, a system of river valley parks and trails, and is located only a few hours drive from Banff and Jasper National Parks, which offer skiing in winter and excellent hiking and sightseeing in summer.

Le Campus Saint-Jean, est une partie intégrale de la University of Alberta. Il s'agit d'un petit joyau francophone (600 étudiants) croissant au cœur de l'Ouest canadien dans un environnement anglophone. Les étudiants vivent donc une expérience unique en son genre. Comme la moyenne d'étudiants par salle de cours est peu élevée, la qualité de l'éducation des étudiants en est rehaussée.

## BIBLIOTHÉCAIRE EN CHEF BIBLIOTHÈQUE SAINT-JEAN, UNIVERSITY OF ALBERTA LIBRARIES

Le réseau des bibliothèques de la University of Alberta, reconnu depuis longtemps pour l'excellence des services qu'il offre à l'université et aux communautés, est à la recherche d'une personne dynamique pour prendre en charge le fonctionnement et le développement de la Bibliothèque Saint-Jean (BSJ). Le poste de bibliothécaire en chef implique la gestion des ressources humaines, financières et matérielles de la BSJ, y compris le développement des collections, la planification et l'établissement des priorités quant aux services, l'évaluation des résultats et la supervision du personnel (8,5 postes). Ouvrant au sein d'une équipe, la personne choisie contribuera à la gestion globale des bibliothèques par l'entremise du Library Operating Group, participera aux activités du Campus Saint-Jean et assumera le rôle de chef de file dans le développement des services de bibliothèque offerts en français dans l'Ouest du Canada.

Le fonds documentaire de plus de cinq millions de volumes du réseau des bibliothèques de la University of Alberta en fait la deuxième plus

importante bibliothèque de recherche au Canada. La bibliothèque entretient un lien unique avec la communauté élargie, d'une part grâce à son appartenance au réseau NEOS, un consortium de 18 bibliothèques des milieux gouvernemental, hospitalier, collégial et universitaire, et d'autre part par l'entremise de la Alberta Library. Visitez notre site Web à l'adresse suivante : <http://www.library.ualberta.ca/francais/>.

La Bibliothèque Saint-Jean fait partie du réseau des bibliothèques de la University of Alberta. Sa mission principale consiste à desservir le corps professoral et les étudiants du Campus Saint-Jean, ainsi qu'à appuyer les programmes d'étude et de recherche qui y sont offerts. Le Campus Saint-Jean est une faculté francophone qui se distingue au sein de l'univers anglophone de la University of Alberta. Le Campus offre des programmes menant au BA, au BAA (conjointement avec la Faculty of Business), au BSc, au BScInfr Bilingue (conjointement avec la Faculty of Nursing), au BScEnv Bilingue (conjointement avec la Faculty of Agriculture, Forestry and Home Economics), au BEd, au BEd/BSc, au BEd/AD (après diplôme), à la Maîtrise ès arts (Études canadiennes) et à la Maîtrise en éducation. La langue principale d'enseignement au Campus Saint-Jean est le français. La collection de la BSJ comprend 200 000 volumes et 350 abonnements à des périodiques. Classée selon le système de la Library of Congress, elle couvre les domaines des arts et des humanités, des sciences sociales, des sciences de l'éducation et des sciences pures. La BSJ est une bibliothèque de dépôt sélectif pour les publications en français du gouvernement fédéral et une bibliothèque de dépôt pour les films de langue française de l'Office national du film. Elle offre également une importante collection de documents pédagogiques et de littérature pour la jeunesse, organisée selon la classification Dewey et celle de la Library of Congress. Bien que le français soit la langue d'enseignement et de recherche au Campus Saint-Jean, les membres du personnel de la BSJ travaillent également en anglais lors de contacts avec leurs collègues anglophones, les usagers externes et le grand public.

Les candidat(e)s posséderont une MBSI décernée par une école de bibliothéconomie reconnue et une expérience professionnelle d'au moins trois à cinq ans, y compris une expérience de la supervision. Les entrevues se dérouleront en anglais et en français. Les candidat(e)s manifesteront un souci du service à la clientèle, des habiletés exceptionnelles pour la gestion, d'excellentes techniques d'enseignement et de communication, un engagement vis à vis la résolution coopérative de problèmes et des habiletés marquées en gestion de l'information.

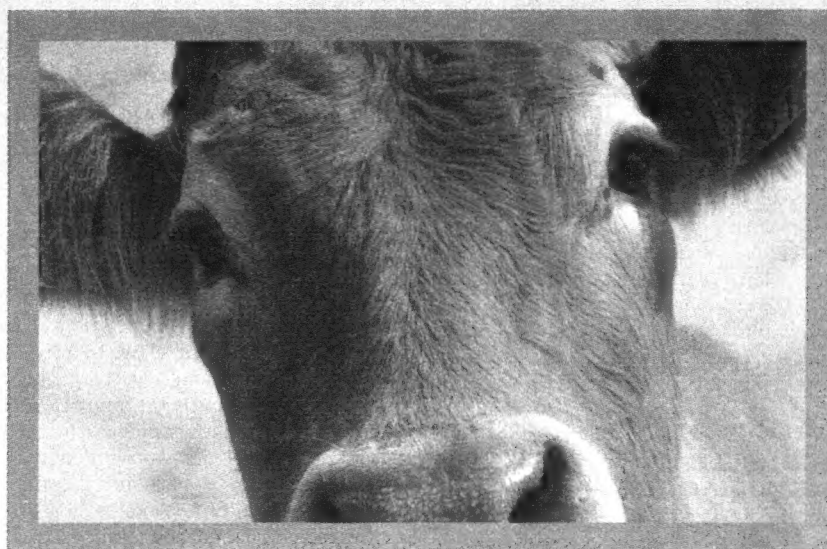
Ce poste de bibliothécaire menant à la permanence se situe au niveau 2. Le salaire varie actuellement entre 65 571\$ et 104 291\$. Les bibliothécaires à la University of Alberta font partie du personnel académique et bénéficient d'un généreux programme d'avantages sociaux. REMARQUE: La présente offre constitue un réaffichage. Les personnes ayant déjà postulé sont priées de ne pas soumettre de nouveau leur candidature. L'évaluation des candidatures reçues commencera le 5 mars 2007 et se poursuivra jusqu'à ce que le poste soit comblé.

Les candidates sont priées de faire parvenir, par courrier régulier, télécopieur ou courrier électronique, un curriculum vitae et le nom de trois répondants à :

Karen Adams  
Director of Library Services and Information  
Resources  
Cameron Library  
University of Alberta  
Edmonton, Alberta, Canada T6G 2J8  
Télécopieur: (780) 492-8302  
Courriel: karen.adams@ualberta.ca

Fondée 1908 à titre d'institution publique dirigée par un conseil, la University of Alberta a mérité sa place parmi les meilleures universités canadiennes grâce à son excellence dans les domaines de l'enseignement, de la recherche et des services. La University of Alberta dessert une population de plus de 35 500 étudiants et offre plus de 200 programmes de premier cycle et 170 programmes d'études supérieures ([www.ualberta.ca](http://www.ualberta.ca)). Le campus principal de l'université est situé à Edmonton, capitale cosmopolite de la province de l'Alberta. La région métropolitaine d'Edmonton se classe au sixième rang à l'échelle du pays avec une population d'environ un million d'habitants (<http://www.edmonton.ca/portal/server.pt>). La ville d'Edmonton accueille de nombreux événements culturels et offre un réseau développé de sentiers et de parcs riverains. De plus, elle est située à seulement quelques heures de route des parcs nationaux de Banff et de Jasper, paradis des skieurs en hiver et des amateurs de randonnée durant la saison estivale.

Le Campus Saint-Jean, est une partie intégrale de la University of Alberta. Il s'agit d'un petit joyau francophone (600 étudiants) croissant au cœur de l'Ouest canadien dans un environnement anglophone. Les étudiants vivent donc une expérience unique en son genre. Comme la moyenne d'étudiants par salle de cours est peu élevée, la qualité de l'éducation des étudiants en est rehaussée.



THE ALBERTA PRION RESEARCH INSTITUTE PRESENTS

ALBERTA PRION  
RESEARCH INSTITUTE

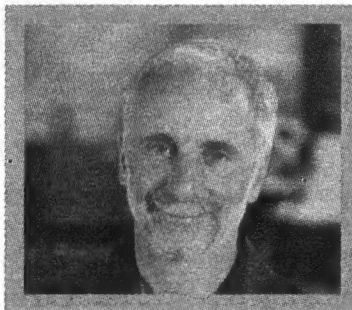
prion

AN INGENUITY INSTITUTE

# Mad Cow Mysteries

## A public lecture by Jay Ingram

Join Jay Ingram for a lively look at the cultural and scientific mysteries of misfolded proteins (called prions). They cause bovine spongiform encephalopathy (BSE) and chronic wasting disease, are perplexing and elusive, and impact our lives, food supply and economy.



### JAY INGRAM

One of Canada's best-known science popularizers, Jay Ingram is co-host and producer of Daily Planet, television's first daily science show. He was host of the CBC radio science show Quirks and Quarks for 12 years, and has written nine popular books on science.

### ALL LOCATIONS:

Doors open at 7:00 p.m. • Lecture at 7:30 p.m.

CALGARY  
Monday, February 19, 2007  
Martha Cohen Theatre  
215 - 8 Avenue SE

LETHBRIDGE  
Tuesday, February 20, 2007  
Galt Museum, Viewing Gallery  
502 - 1 Street South

EDMONTON  
Thursday, February 22, 2007  
Timms Centre  
112 Street and 87 Avenue

Please register online at [www.prioninstitute.ca](http://www.prioninstitute.ca)  
by February 14, 2007

For more information, contact [info@prioninstitute.ca](mailto:info@prioninstitute.ca) or call (780) 429-7651



**PrioNet Canada**

Presented in partnership with PrioNet Canada.



# notices

Please send notices attention Folio, 6th floor General Services building, University of Alberta, T6G 2H1 or e-mail [public.affairs@ualberta.ca](mailto:public.affairs@ualberta.ca). Notices should be received by 12 p.m. Thursday one week prior to publication.

## CIVIL & ENVIRONMENTAL ENGINEERING CHAIR SELECTION COMMITTEE INVITES INPUT

A Chair Selection Committee for the Department of Civil & Environmental Engineering has been established. Suggestions and comments to this committee are to be made before Feb. 9, by writing to Dr. DT Lynch, dean, Faculty of Engineering, E6-050 Engineering Teaching & Learning Complex.

## CHEMICAL & MATERIALS ENGINEERING CHAIR SELECTION COMMITTEE INVITES INPUT

A Chair Selection Committee for the Department of Chemical & Materials Engineering has been established. Suggestions and comments to this committee are to be made before Feb. 9, by writing to Dr. DT Lynch, dean, Faculty of Engineering, E6-050 Engineering Teaching & Learning Complex.

## MECHANICAL ENGINEERING CHAIR SELECTION COMMITTEE INVITES INPUT

A Chair Selection Committee for the Department of Mechanical Engineering has been established. Suggestions and comments to this committee are to be made before Feb. 9, by writing to Dr. DT Lynch, dean, Faculty of Engineering, E6-050 Engineering Teaching & Learning Complex.

## THE EDMONTON CONSULAR BALL SCHOLARSHIP FOR INTERNATIONAL STUDIES

Endowed by the Edmonton Consular Corps Value: \$1,000 plus travel expenses of \$2,500 The Edmonton Consular Ball Scholarship in International Studies was established in 1980 with funds generated by the Edmonton Consular Ball, which was held to mark the 75th anniversary of the province of Alberta. In each of the succeeding

years, the Consular Corps contributed proceeds from the annual Ball to the University for the Scholarship.

Awarded to graduate or third and fourth year undergraduate students who wish to undertake a summer research project in the area of International Studies. Students from all faculties are encouraged to apply. Two to three scholarships are awarded annually.

Applications are in the form of a letter accompanied by a short essay/proposal (maximum of 3 pages) describing the topic the student wishes to study and how it will benefit the student. The study may focus on any international aspect of the student's discipline. Application package must include: 1) cover letter, 2) brief curriculum vitae (including the student's social insurance number, 3) the faculty and department, year of study, and major area of study) 4) and school transcripts.

Please submit applications to:  
Chair, Consular Ball Scholarship Committee  
University of Alberta International  
1204 College Plaza, 8215-112 street  
Edmonton, Alberta  
T6G 2C8

Deadline for Applications: Friday, March 30.

\*Applicants will be notified by mail of the Committee's decision by April 30. Winners will be awarded the scholarship at a formal ceremony during the Edmonton Consular Ball on May 26.

\*\*At the conclusion of the study, the completed research project report should be submitted to the Chair, Consular Ball Scholarship Committee for forwarding to the Consular Corps.

## TEACHING LEARNING AND ENHANCEMENT FUND

In direct support of Dare to Discover: A Vision for a Great University and the learning discovery

and citizenship cornerstones, the Teaching and Learning Enhancement Fund has been created to improve teaching and learning effectiveness.

The purpose of this fund is to enable all persons engaging in teaching at the university to improve their teaching skills, enhance their understanding of teaching and learning processes, and provide environments that increase student learning.

Guidelines and forms:

Terms of reference and application forms are available from the Office of the Provost and Vice-President (Academic) website at <http://www.uofaweb.ualberta.ca/provost/tlef.cfm>.

Information session:

An information session about the Teaching and Learning Enhancement Fund was held at 2:30 p.m. on Monday, Jan. 22, Room 3-15 University Hall. The funding criteria and application process will be reviewed at this session.

Application deadline:

The deadline for receipt of applications for "Projects or Research" is Feb. 15.

## CALL FOR NOMINATIONS GRADUATE STUDENT TEACHING AWARDS

Nominations are now being sought for the annual Graduate Student Teaching Awards (GSTA). The GSTA are administered through University Teaching Services with the selection and nomination procedures occurring in each Faculty. Faculties have been invited to select outstanding graduate students as a teaching award recipients. The deadline for these nominations is the Feb. 2.

The recipients will be recognized and celebrated at the Graduate Students' Association's Awards night on March 13 where they will receive a certificate and a letter signed by our President, Indira Samarasekera. Names of recipients will be published in University publications following the awards night.

For further information or eligibility and adjudication criteria please contact Sarah Ross at University Teaching Services, [sarah.ross@ualberta.ca](mailto:sarah.ross@ualberta.ca)

## 2007-2008 KILLAM ANNUAL PROFESSORSHIPS

Applications for the 2007-2008 Killam Annual Professorships are now available. All regular, continuing, full-time academic faculty members who are not on leave during 2007-2008 are eligible to apply. Deans, Department Chairs and other senior University administrators with personnel responsibilities shall not normally be eligible for Killam Annual Professorships. Associate Deans and Associate Department Chairs are eligible providing they do not have personnel responsibilities. Up to eight Killam Annual Professors will be selected by a subcommittee of the Killam Trusts Committee; no more than two Professorships shall be awarded to staff members in any one Faculty in any given year. Each Killam Annual Professor shall be presented with a \$3,500 prize and a commemorative plaque. The duties of Killam Annual Professors shall not be changed from those that they regularly perform as academic staff members.

The primary criterion for selection shall be a record of outstanding scholarship and teaching over three or more years as evidenced by any or all of research publications, creative activities, presented papers, supervision of graduate students, and courses taught. The secondary criterion shall be a record of substantial contributions to the community outside the University, above and beyond what is usually expected of a professor, as evidenced by community involvement normally directly linked to the applicant's University responsibilities and activities. However, other forms of community involvement will be considered, especially, but not exclusively, where the applicant's discipline does not readily lend itself to making community contributions, and also where the University's reputation is clearly enhanced by the applicant's contributions.

Awards are tenable for twelve months commencing July 1, 2007. The completed application must be received at the Office of the Vice-President (Research), 3-7 University Hall, by 4:30 p.m., Friday Feb. 23. The awardees shall be announced by early May, and they will be formally recognized at the Killam Luncheon in October 2007.

Applications and further details are available on the home page of the Vice-President (Research) at: <http://www.uofaweb.ualberta.ca/vpresearch/>

Please contact Annette Kujda, Administrative Officer, Office of the Vice-President (Research) at 492-8342 or email: [annette.kujda@ualberta.ca](mailto:annette.kujda@ualberta.ca) if you have any questions.

## THE EDMONTON AGING SYMPOSIUM – DEADLINE FOR SUBMISSIONS

A thought provoking two days that involves presentations which examine the economic and ethical justifications for the development of tech-

nologies capable of extending the human lifespan as well as evidence provided by top researchers in the fields of stem cells, tissue engineering, cancer therapies, neurodegeneration and others, that demonstrates these technologies are possible and under development. Poster submissions accepted until March 15, symposium held March 30-31. Cash prizes for best posters in biomedical and social sciences.

Intended audiences: policy-makers, health care professionals, researchers, and educated laymen. Cost: \$95 for students and \$140 for academics. Includes breakfast and lunch.

Sponsored by the University of Alberta, City of Edmonton and The Methuselah Foundation. Location: Bernard Snell Hall, University of Alberta Hospital, 112 Street and 87 Avenue.

Contact Kevin Perrott, Department of Biochemistry at: 780-983-8383 (phone), 780-492-0886 (fax) or at [kevin.perrott@edmontonaging-symposium.com](mailto:kevin.perrott@edmontonaging-symposium.com). Web site: <http://www.edmontonagingsymposium.com>

## AWARDS FOR TEACHING EXCELLENCE (CALL FOR NOMINATIONS)

Nominations are now being sought for the annual Rutherford Award for Excellence in Undergraduate Teaching, WH Alexander Award for Excellence in Undergraduate Teaching and the Teaching Unit Award. Complete information on the awards and the nomination process is available in the University of Alberta Policies and Procedures On-Line (UAPPOL) system, under the parent policy "Awards for Teaching Excellence."

Nominations are made by faculties that teach undergraduate students, and information about the nomination procedures and adjudication criteria has been sent to those faculties. Nominations should be made through a faculty committee and submitted by the faculty to the Secretary of GFC UTAC, 2-5 University Hall. Anyone needing assistance and advice in preparing nominations should contact Bobbi Schiestel, faculty awards facilitator, Academic Awards and Ceremonies Office (492-2644). The deadline for receipt of award nominations is Friday, Feb. 23 at 4:30 pm. In most cases, individual Faculties have established earlier deadlines to allow for internal adjudication procedures. [https://www.conman.ualberta.ca/stellent/groups/public/@academic/documents/policy/pp\\_cmp\\_060320.hcsp](https://www.conman.ualberta.ca/stellent/groups/public/@academic/documents/policy/pp_cmp_060320.hcsp)

## STLHE CALL FOR PROPOSALS – DEADLINE EXTENSION

Due to a number of requests the Society for Teaching and Learning in Higher Education is pleased to confirm the deadline for submitting proposals to the 2007 Annual Conference has been extended a week to the Feb. 5.

STLHE invites you to submit proposals for pre-conference workshops, 30- or 60-minute presentations, and posters for its 27th Annual Conference this summer.

The 2007 Conference will be held June 13 to 16 at the University of Alberta. The theme chosen for this exciting event is Evolving Scholarship which captures the current national focus and was chosen to stimulate discussion around the scholarship of teaching and learning.

Please make your submission using the online form found at the conference website: <http://www.ualberta.ca/UTS/STLHE/>

The STLHE is also pleased to announce the launching of a peer-reviewed journal called "Collected Essays in Learning and Teaching." CELT will appear once a year and will build on the teaching and learning themes emphasized at the Society's annual conference. Accordingly, the theme for Volume One will be "Evolving Scholarship." Conference presenters are invited to submit articles to the Editors, who will in turn oversee the peer review process.

## DEAN OF LAW REVIEW - PUBLIC FORUM

Professor David Percy's first term as Dean of the Faculty of Law will end on June 30, 2007. As part of his review process, Dean Percy will present his vision for the Faculty of Law at a Public Forum on Tuesday, March 6, 2007 from 12 - 1 p.m. in McLennan Ross Hall (231/237 Law Centre). There will be an opportunity at the Forum for attendees to provide feedback to the Dean of Law Review Committee. For further information contact Chris Langer in Academic Staff Administration, Provost's Office at 492-7586.

## DEAN OF ARTS REVIEW - PUBLIC FORUM

Dr. Daniel Woolf's first term as Dean of Arts will end June 30, 2007. As part of his review process, Dean Woolf will present his vision for the Faculty of Arts at a Public Forum on Tuesday, Feb. 13, 4-5 p.m. in 1-50 Telus Centre. There will be an opportunity at the Forum for attendees to provide feedback to the Dean of Arts Review Committee. For further information, contact Chris Langer in Academic Staff Administration, Provost's Office at 492-7586.

## Buying or Selling?

*Call a Southside Specialist  
Who Has Been Serving Clients  
Professionally Since 1979!*



*ed lastiwka*

*ed@royalpage.ca*

**Toll Free**  
**1-866-431-5607**

**Office**  
**780-431-5600**

**ROYAL LEPAGE**  
Noralta Real Estate

## folio on the Web

Get advance notice of Folio stories on the Web...

An e-mail message will be sent to you on the publication date, before the paper edition is distributed.

Subscribe at: [www.ualberta.ca/folio/](http://www.ualberta.ca/folio/)

## folio display ads work

### Display advertisements:

To view ad sizes, rates and publication schedule, please visit

<http://www.expressnews.ualberta.ca/expressnews/folio/img/FolioRates0607.pdf>

Camera-ready artwork is required to size, complete with halftones if necessary, at 3:00 p.m., Thursday, of the week prior to each edition. Artwork may be emailed to [creative@ualberta.ca](mailto:creative@ualberta.ca) or [bl5@ualberta.ca](mailto:bl5@ualberta.ca). Call 780-417-3464 for more details.



**For complete University of Alberta job listings visit:**  
**www.hrs.ualberta.ca/**

# ads

Ads are charged at \$0.65 per word. Minimum charge: \$6.50. All advertisements must be paid for in full by cash or cheque at the time of their submission. Bookings may be made by fax, mail or email provided payment is received by mail prior to the deadline date. Pre-paid accounts can be set up for frequent advertisers. Please call 492-2325 for more information.

## ACCOMMODATIONS FOR RENT

**REAL ESTATE** – Buy or Sell, Leases (furnished/unfurnished). Janet Fraser or Gordon W.R. King. Telephone: (780) 441-6441, [www.gordonwrking-assoc.com](http://www.gordonwrking-assoc.com) Gordon W.R. King and Associates Real Estate Corp.

**STYLE, LUXURY, ELEGANCE IN ONE HUGE ROOM WITH A VIEW** – Experience the height of sophistication and elegance in this dramatic and expansive living space. Perched high on the bank of the North Saskatchewan River with windows like walls of glass this 1,345 sq. ft. unique property enjoys a breathtaking city scape vista. Award winning film set decorator was consultant on design. Classic Georgian Mahogany furniture is inventively integrated with ultra-modern sleek designs from Belle Italia, Ligne Roset and custom pieces from Robert Sweep accented with whimsical rugs from the National Academy of Design, New York. Corian counter tops, deluxe weber barbeque. Inventive layout with minimal partitioning. Inspiringly creative atmosphere. Two balconies: the larger one overlooking downtown the other, Old Strathcona. Feels like a deluxe suite in an upscale New York boutique hotel. If serenity, art, luxury and drama are priorities, this suite is for you. ONLY \$1,900/mo includes heat, water and power. \*\*\* AVAILABLE IMMEDIATELY! \*\*\* Call Janet Fraser (780) 441-6441. Gordon W.R. King & Assoc. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com)

**3 BDRM FULLY FURNISHED 2 STOREY TOWNHOUSE CONDO!** Wood burning fireplace in sunken living/dining area. Finished family room and laundry in basement. 4 piece bath and 2 piece bath. Backs onto park area. \$1,540/mo plus utilities. Available immediately negotiable. Call Janet Fraser (780) 441-6441. Gordon W.R. King & Assoc. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**DUGGAN NEAR U OF A, FULLY FURNISHED BUNGALOW** – 2 bdrm/2 bath plus office. Formal living/dining room, renovated kitchen which opens into family room with eating area. New hardwood floors. Home is beautifully landscaped and set up for a professional couple or a single person. \$1,300/mo. Available immediately to March 31, 2007. Call Janet Fraser (780) 441-6441. Gordon W.R. King & Assoc. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com)

**EXCEPTIONALLY BEAUTIFUL EXECUTIVE FOUR BEDROOM 2 STOREY WITH WINDOWS EVERYWHERE!** Spacious and bright, hardwood on main, family room, corner fireplace, formal dining room and living room, designer kitchen, 3 full baths, one 2-piece bath, double garage, close to downtown & easy access to U of A. \$2,800/mo, Avail Jan. 3, Call Janet Fraser (780) 441-6441. Gordon W.R. King & Assoc. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com)

**ELEGANT HIGH STREET 8TH FLOOR UNIT** – with a great skyline view of the city. Granite counter tops, maple cabinetry, high quality appliances, hardwood and an oasis like master bedroom with en-suite. Security cameras at entrance to building. U/G parking/fitness room. The location will allow fast access to the Central Business District, UofA, and the West and North areas of the city. \$2,000/mo. Utilities extra. Call Janet Fraser (780) 441-6441. Gordon W.R. King & Assoc. Real Estate Corp. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**ASPEN GARDENS 4 LEVEL SPLIT** – 3 bdrm up, 1 on main. Spacious L shape living/dining room with eating area in kitchen. Family room with fireplace off kitchen and patio doors to back yard. Quiet location. Available immediately. \$2,000/mo plus utilities. Call Janet Fraser (780) 441-6441. Gordon W.R. King & Assoc. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**STUNNING VIEW** – Executive living with sweeping view of downtown and river valley. 2 bedroom and large den, formal living and dining room, state of the art kitchen with top quality appliances. This meticulously cared for building has every amenity including, indoor pool, hot tub, party and rec rooms, air conditioned and heated underground parking. \$3,500/mo inc utilities. Available immediately. For details call Janet Fraser at (780) 441-6441. Gordon W.R. King and Assoc. Real Estate. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**BLUE QUILL** – NEAR HERITAGE AREA – Classy bungalow with substantial upgrades make this home unique! 3 bedrooms, upgraded kitchen with

eating area, hardwood floors, front drive, double garage. Beautiful well treed fenced yard. Quiet location with easy access to major bus routes. Great choice of schools, near shopping and YMCA. \$1,900/mo plus utilities. Available immediately. For details call Janet Fraser at 780-441-6441. Gordon W.R. King and Assoc. Real Estate. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**WALK TO DOWNTOWN TO WORK!** – Superb executive townhouse on 3 levels complex is called "La Caille" in the Cloverdale Area – 93 St and 98 Ave, 3 bedrooms, 2 1/2 baths, hardwood floors, open plan on main level with living/dining rooms with fireplace. Great kitchen for entertaining, gas top stove. Second level has bedroom and balcony door. Third level has a media room with a balcony and downtown view. 2 car garage underground, excellent building security. \$2,200/mo For details call Janet Fraser at (780) 441-6441. Gordon W.R. King and Assoc. Real Estate. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**THE HOBBY - FARM/ACREAGE** for rent is on SE30-47-24-W4 with 132 (shared) acres of land, about 72 acres were put into crop last year by a tenant farmer.....not sure what we will be doing next year. Maybe just leave it for the Prairie grasses to grow back. 1,460 sq. ft. bungalow, with 2 bedrooms and one 4 piece large bathroom (tiles), a very large open living/dining room, kitchen with bar. The main floor has also a laundry room with a two piece bath, entrance through the attached garage. The (cedar) porch is overlooking the ravine and creek. The walkout basement is open and can be developed. The location although very secluded, is close to the town of Millet, 20 minute commute to the International Airport and 30 minutes to Edmonton on highway #2, 15-20 minutes to Beaumont via highway # 184. We are looking for tenants who will respect the beauty of our private sanctuary, who are environmentally responsible and can offer excellent references. \$1950/mo. Call Janet Fraser for more information at (780) 441-6441. Gordon W.R. King & Assoc. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**EXQUISITE VIEW FROM A MAGNIFICENT BUILDING** – Fully furnished executive 2 bedroom plus den condo. \$2,500/mo includes water, gas, power, cable/phone and high speed Internet can be negotiated and included in the rent at a higher price. U/G heated parking. Available immediately. Call Janet Fraser for showings (780) 441-6441. Gordon W.R. King & Assoc. Email: [jennfra@interbaun.com](mailto:jennfra@interbaun.com).

**BELGRAVIA 3 BEDROOM** – Brand-new deluxe home \$1,800 mo. Plus util. N.S., N.P. Suitable for a professional couple, available April 1st. Call: Margaret/Gary (780) 430-8026.

## ACCOMMODATIONS FOR SALE

**GARNEAU – END UNIT** – Hampton Village – Keyed 3 stall underground heated parking – 2 blks to UofA and hospitals – 2 bedrooms, office / den and painters loft – Awning windows – vaulted ceiling – gas fireplace – developed basement – Price \$495,000 – Darlene Swelin, Royal LePage Noralta 431-5600.

## ACCOMMODATIONS WANTED

**HOUSE SITTER AVAILABLE** – Single female teacher, non-smoker, no pets, will house sit your home while you are away. Will provide references. Available March 2007, Call Connie 499-5284.

## MISCELLANEOUS

**VICTORIA PROPERTIES.** Knowledgeable, trustworthy Realtor, whether you're relocating, investing or renting. Will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. Lois Dutton, Duttons & Co. Ltd., Victoria, BC 1 (800) 574-7491 or [lois@duttons.com](mailto:lois@duttons.com).

## SERVICES

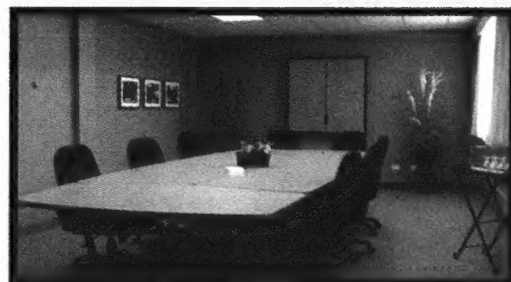
**TECH VERBATIM EDITING**, on campus. APA, Chicago, Hart's, MLA, Turabian; medical terminology. Member, Editors' Association of Canada. Donna (780) 465-3753 [verbatimedit@shaw.ca](mailto:verbatimedit@shaw.ca).

**CASH PAID FOR QUALITY BOOKS** – Edmonton Book Store, (780) 433-1781. [www.edmontonbookstore.com](http://www.edmontonbookstore.com).

*Focused on Details...*



**CAMPUS TOWER  
SUITE HOTEL**



### Meeting Room amenities:

Spectacular panoramic view  
Wireless Internet  
Audio/visual equipment  
Refreshments for coffee breaks

### Also available:

Breakout rooms  
Patio  
Catering  
Group rates

### Hotel amenities:

24 hour fitness facility  
Airport shuttle  
Complimentary local calls  
Complimentary coffee/tea  
Fully air conditioned  
Fully equipped kitchen  
Dry cleaning services  
High speed Internet  
Covered parking with plug-ins



**Campus Tower Suite Hotel**

11145-87 Avenue Edmonton AB T6G 0Y1

Tel: 780.431.4557 Email: [sales@campustower.com](mailto:sales@campustower.com)

## Dr. Catherine Fletcher and Dr. Vincentia Aung

*Welcome U of A employees and their families!*

*We take the time to find out how you want us to serve you!*

*Check us out and discover the difference for yourself*

*Extended hours available*



**Dr. Catherine Fletcher, Family Dentist**  
#980 College Plaza, 8215 112St.,  
Edmonton, AB. Ph: 439-2266  
Visit our website at [www.fletcherdentist.ab.ca](http://www.fletcherdentist.ab.ca)

**folio**  
**classifieds**  
**work**

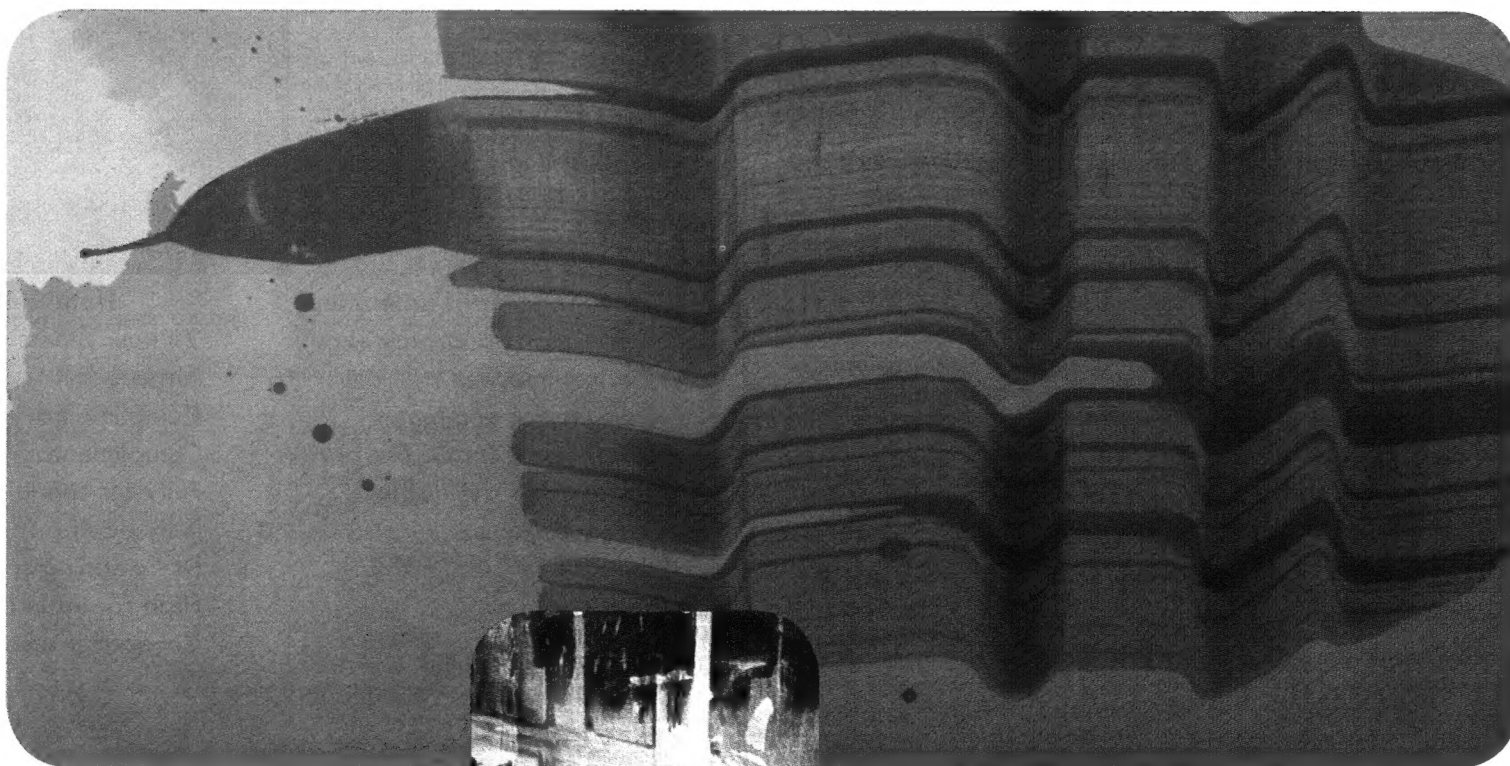
**Call 492-2325  
for more information**

\$0.65 per word

Deadline: one week prior to publication

date Find whatever you want to buy or  
sell in the Folio classifieds.





Zoltan Varadi



# Putting pencil to paper

## Exhibit showcases student sketches

By Zoltan Varadi

Aspiring artists take note: have a closer look at the jumble of sketches lining your work space – a finished piece may be already under your nose.

That's precisely what happened when University of Alberta art professors Helen Gerritzen and Joan Greer visited the studio of graduate student Jewel Shaw and saw dozens of sketches of calf muzzles and a few found objects hanging on the wall.

"She uses these objects to draw from, and she makes a lot of these drawings on her wall – they're her research and inspiration," said Gerritzen, adding that collectively, the works in progress formed a

completed whole. "We saw this piece and said can we just take this? We really liked the way it captured the idea."

Shaw's works are included in an exhibit of student artwork called *Visual Thinking*, which Greer and Gerritzen curated together. They explain that the exhibit is meant to communicate the research and thought processes behind artworks. But the fact that the exhibit is pegged as a drawing showcase might surprise those with a narrow definition of terms.

"We wanted people to tell us how – in their studio practice – they were using drawing to get to the notion of visual thinking," said Greer. "Drawing can be used very loosely and metaphorically, so it could be a literal type drawing – putting pencil to paper – or it could be something where there's manipulating of photographs by getting your hands involved in the actual developing process."

Other materials and techniques include studies of pigs made on animal vellum, the shadows cast by string, and, in the case of Sherri Chaba's *Section 22*,

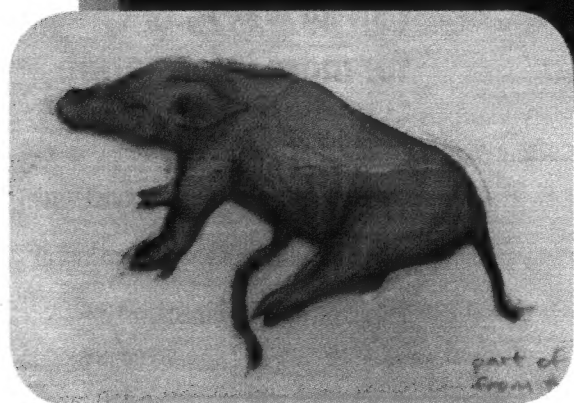
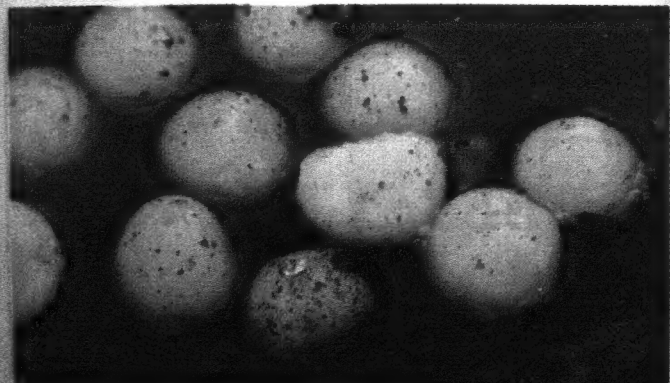
"Drawing can be used very loosely and metaphorically, so it could be a literal type drawing – putting pencil to paper – or it could be something where there's manipulating of photographs by getting your hands involved in the actual developing process." – Joan Greer

which resembles an aerial photograph, the ghosts of others' work.

"There was some other work done on the studio floor, and a lot of the remains of that work were literally on the floor," Greer said. "She took this paper and rubbed over it and brought out certain aspects, but it looks like topography."

*Visual Thinking* is on display at the Margaret Brine Gallery at the Alberta Gallery of Art until Feb. 27. ■

From the top: *Red Racer* by Scott Cumberland. Acrylic on canvas; *Through the Looking Glass* by Gillian Williams. Photocopy transfer, graphite and charcoal on board; Exhibit curators Helen Gerritzen (foreground) and Joan Greer; *Floating Jellies* by Elaine Wannechko. Digital print; *Growing and Finishing* (detail) by Amie T. Rangel. Animal vellum, mylar, prisma pencil and pen.



folio **back**  
page